

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.02it/s]

Epoch 1 Macro-Averaged F1: 0.412291473669848

100%|██████████████████| 47/47 [00:05<00:00, 8.35it/s]

Epoch 2 Macro-Averaged F1: 0.732326404751028

100%|██████████████████| 47/47 [00:05<00:00, 8.31it/s]

Epoch 3 Macro-Averaged F1: 0.7833838473881263

100%|██████████████████| 47/47 [00:05<00:00, 8.12it/s]

Epoch 4 Macro-Averaged F1: 0.7835011867342356

Validation Macro-Averaged F1: 0.7834050007963052

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 15.50it/s]

Epoch 1 Macro-Averaged F1: 0.6387594893029676

100%|██████████████████| 94/94 [00:06<00:00, 15.04it/s]

Epoch 2 Macro-Averaged F1: 0.721619460941069

100%|██████████████████| 94/94 [00:06<00:00, 15.30it/s]

Epoch 3 Macro-Averaged F1: 0.7748327328872877

100%|██████████████████| 94/94 [00:06<00:00, 15.14it/s]

Epoch 4 Macro-Averaged F1: 0.7726867534319843

Validation Macro-Averaged F1: 0.8368627450980392

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.002

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.93it/s]

Epoch 1 Macro-Averaged F1: 0.6394256837356583

100%|██████████████████| 24/24 [00:06<00:00, 3.88it/s]

Epoch 2 Macro-Averaged F1: 0.7258771929824561

100%|██████████████████| 24/24 [00:06<00:00, 3.81it/s]

Epoch 3 Macro-Averaged F1: 0.7454429828008775

100%|██████████████████| 24/24 [00:06<00:00, 3.83it/s]

Epoch 4 Macro-Averaged F1: 0.7383522241840861

Validation Macro-Averaged F1: 0.8100965342617503

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.001

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.58it/s]

Epoch 1 Macro-Averaged F1: 0.6208834938230001

100%|██████████████████| 47/47 [00:06<00:00, 7.51it/s]

Epoch 2 Macro-Averaged F1: 0.7314984534310918

100%|██████████████████| 47/47 [00:06<00:00, 7.37it/s]

Epoch 3 Macro-Averaged F1: 0.7485447697312104

100%|██████████████████| 47/47 [00:06<00:00, 7.23it/s]

Epoch 4 Macro-Averaged F1: 0.7650509768183631

Validation Macro-Averaged F1: 0.8374746054070948

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.001

Batch size: 4

100%|████████████████| 94/94 [00:07<00:00, 13.12it/s]

Epoch 1 Macro-Averaged F1: 0.6231591732274926

100%|████████████████| 94/94 [00:07<00:00, 12.98it/s]

Epoch 2 Macro-Averaged F1: 0.7242036715720925

100%|████████████████| 94/94 [00:07<00:00, 13.11it/s]

Epoch 3 Macro-Averaged F1: 0.7482142857142857

100%|████████████████| 94/94 [00:07<00:00, 13.27it/s]

Epoch 4 Macro-Averaged F1: 0.7563352826510721

Validation Macro-Averaged F1: 0.7834050007963052

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.001

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.5734539770600797

100%|████████████████| 24/24 [00:06<00:00, 3.63it/s]

Epoch 2 Macro-Averaged F1: 0.6790145657255889

100%|████████████████| 24/24 [00:06<00:00, 3.64it/s]

Epoch 3 Macro-Averaged F1: 0.7317289532421449

100%|████████████████| 24/24 [00:06<00:00, 3.66it/s]

Epoch 4 Macro-Averaged F1: 0.7426659804426146

Validation Macro-Averaged F1: 0.8240100565681961

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.44it/s]

Epoch 1 Macro-Averaged F1: 0.6445142942673252

100%|██████████████████| 47/47 [00:06<00:00, 7.40it/s]

Epoch 2 Macro-Averaged F1: 0.7349142085984192

100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 3 Macro-Averaged F1: 0.754161441112758

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7569946378597012

Validation Macro-Averaged F1: 0.7968253968253969

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.44it/s]

Epoch 1 Macro-Averaged F1: 0.6408045977011494

100%|██████████████████| 94/94 [00:07<00:00, 13.37it/s]

Epoch 2 Macro-Averaged F1: 0.7156326904366737

100%|██████████████████| 94/94 [00:07<00:00, 13.31it/s]

Epoch 3 Macro-Averaged F1: 0.7370943741773022

100%|██████████████████| 94/94 [00:07<00:00, 13.38it/s]

Epoch 4 Macro-Averaged F1: 0.7511434911981505

Validation Macro-Averaged F1: 0.849624060150376

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.6994780122591311

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.746313083479908

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.7751541799908633

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7858611238008223

Validation Macro-Averaged F1: 0.7988686360779385

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.0001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.36it/s]

Epoch 1 Macro-Averaged F1: 0.3529446564320998

100%|████████████████| 47/47 [00:06<00:00, 7.35it/s]

Epoch 2 Macro-Averaged F1: 0.3529446564320998

100%|████████████████| 47/47 [00:06<00:00, 7.35it/s]

Epoch 3 Macro-Averaged F1: 0.4685937839600087

100%|████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 4 Macro-Averaged F1: 0.5761489070052666

Validation Macro-Averaged F1: 0.7749999999999999

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.0001

Batch size: 4

100%|████████████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 1 Macro-Averaged F1: 0.39212962962962966

100%|████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 2 Macro-Averaged F1: 0.6110413136212236

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 3 Macro-Averaged F1: 0.6475563909774436

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 4 Macro-Averaged F1: 0.6822591012680418

Validation Macro-Averaged F1: 0.7872007510561727

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.0001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 1 Macro-Averaged F1: 0.34668989547038326

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.3529446564320998

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.3640350877192982

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.43248239675937256

Validation Macro-Averaged F1: 0.3971014492753623

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.0005

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.3393977314658838

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 2 Macro-Averaged F1: 0.6620639534883721

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.7123016584330568

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 4 Macro-Averaged F1: 0.7269729328460484

Validation Macro-Averaged F1: 0.8250000000000001

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.0005

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 1 Macro-Averaged F1: 0.4109626504141272

100%|██████████| 94/94 [00:06<00:00, 13.46it/s]

Epoch 2 Macro-Averaged F1: 0.7170950057838354

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 3 Macro-Averaged F1: 0.7267857142857144

100%|██████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 4 Macro-Averaged F1: 0.750609620926624

Validation Macro-Averaged F1: 0.836246260431428

-----

Dropout probability: 0.25

Epochs: 4

Learning rate: 0.0005

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.3540415169901691

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.629360465116279

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.6492557333546016

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7184302171752204

Validation Macro-Averaged F1: 0.797979797979798

-----

Dropout probability: 0.25

Epochs: 8

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.41143506940931013

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.7561611729987352

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.7805076518958429

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 4 Macro-Averaged F1: 0.7805076518958429

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 5 Macro-Averaged F1: 0.7807705469685735

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 6 Macro-Averaged F1: 0.7720625567608927

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 7 Macro-Averaged F1: 0.7913456599897277

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.7780353004100553

Validation Macro-Averaged F1: 0.8368627450980392

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 1 Macro-Averaged F1: 0.6369639348052247

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 2 Macro-Averaged F1: 0.705357142857143



100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 3 Macro-Averaged F1: 0.7426659804426146

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 4 Macro-Averaged F1: 0.7668793631965931

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 5 Macro-Averaged F1: 0.7752953261427837

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 6 Macro-Averaged F1: 0.7782630067892482

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 7 Macro-Averaged F1: 0.7801938582947332

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 8 Macro-Averaged F1: 0.7675768866345133

Validation Macro-Averaged F1: 0.7817364788958434

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.002

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.6227014221391314

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.7230567366224752

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7647293674784692

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7756410256410257

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 5 Macro-Averaged F1: 0.750609620926624

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 6 Macro-Averaged F1: 0.7888468364445015

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 7 Macro-Averaged F1: 0.7862273400980504

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.7616905511642353

Validation Macro-Averaged F1: 0.8122359568142701

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.6540714096724136

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.7233186008696213

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.7592449922958397

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 4 Macro-Averaged F1: 0.7668793631965931

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 5 Macro-Averaged F1: 0.7665056360708535

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 6 Macro-Averaged F1: 0.777241009125067

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 7 Macro-Averaged F1: 0.754161441112758

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 8 Macro-Averaged F1: 0.7670458196773986

Validation Macro-Averaged F1: 0.8374746054070948

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 1 Macro-Averaged F1: 0.6130030959752323

100%|██████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 2 Macro-Averaged F1: 0.723564143853999

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 3 Macro-Averaged F1: 0.7457917383206913

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 4 Macro-Averaged F1: 0.7712249424025149

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 5 Macro-Averaged F1: 0.7746523207234017

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 6 Macro-Averaged F1: 0.7933440687063875

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 7 Macro-Averaged F1: 0.7938221622432149

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 8 Macro-Averaged F1: 0.7774257907194599

Validation Macro-Averaged F1: 0.8110533774208786

-----

Dropout probability: 0.25

Epochs: 8

Learning rate: 0.001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.3701489592581631

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.6653327959465685

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7145544895731603

100%|██████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 4 Macro-Averaged F1: 0.732326404751028

100%|██████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 5 Macro-Averaged F1: 0.7563352826510721

100%|██████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 6 Macro-Averaged F1: 0.7368684843624699

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 7 Macro-Averaged F1: 0.7512925655197005

100%|██████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 8 Macro-Averaged F1: 0.7540352478183996

Validation Macro-Averaged F1: 0.8749218261413384

-----

Dropout probability: 0.25

Epochs: 8

Learning rate: 0.005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 1 Macro-Averaged F1: 0.4233088834555827

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.7340635095737137

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.7571606475716064

100%|██████████| 47/47 [00:06<00:00, 7.24it/s]

Epoch 4 Macro-Averaged F1: 0.7641104820723966

100%|██████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 5 Macro-Averaged F1: 0.7616905511642353

100%|██████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 6 Macro-Averaged F1: 0.802045882554357

100%|██████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 7 Macro-Averaged F1: 0.7862273400980504

100%|██████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 8 Macro-Averaged F1: 0.7964285714285714

Validation Macro-Averaged F1: 0.8240100565681961

-----

Dropout probability: 0.25

Epochs: 8

Learning rate: 0.005

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 1 Macro-Averaged F1: 0.43112874458559314

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 2 Macro-Averaged F1: 0.7366271069831443

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 3 Macro-Averaged F1: 0.7508020778998064

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 4 Macro-Averaged F1: 0.7754234871385387

100%|██████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 5 Macro-Averaged F1: 0.7965680676107811

100%|██████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 6 Macro-Averaged F1: 0.7938221622432149

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 7 Macro-Averaged F1: 0.7632711621233859

100%|██████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 8 Macro-Averaged F1: 0.7674642376034383

Validation Macro-Averaged F1: 0.756058417589472

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]  
Epoch 1 Macro-Averaged F1: 0.6590636341816436  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 2 Macro-Averaged F1: 0.7383522241840861  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 3 Macro-Averaged F1: 0.7485447697312104  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 4 Macro-Averaged F1: 0.7909161091096243  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 5 Macro-Averaged F1: 0.7888468364445015  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 6 Macro-Averaged F1: 0.7699452148604691  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 7 Macro-Averaged F1: 0.7938221622432149  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 8 Macro-Averaged F1: 0.7781555370239699  
Validation Macro-Averaged F1: 0.8749218261413383

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.0001

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 1 Macro-Averaged F1: 0.5206998883469471  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 2 Macro-Averaged F1: 0.5525604499963475  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 3 Macro-Averaged F1: 0.5092336774756434  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 4 Macro-Averaged F1: 0.6528849120641778

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 5 Macro-Averaged F1: 0.7012921878687751

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 6 Macro-Averaged F1: 0.7165697674418605

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 7 Macro-Averaged F1: 0.7186147186147187

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 8 Macro-Averaged F1: 0.7533882312575055

Validation Macro-Averaged F1: 0.7866666666666666

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.0001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.66it/s]

Epoch 1 Macro-Averaged F1: 0.328837634100792

100%|██████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 2 Macro-Averaged F1: 0.5594678689357379

100%|██████████████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 3 Macro-Averaged F1: 0.6312739718829985

100%|██████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 4 Macro-Averaged F1: 0.7195172428817289

100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 5 Macro-Averaged F1: 0.7250258799171843

100%|██████████████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 6 Macro-Averaged F1: 0.7227784596171651

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 7 Macro-Averaged F1: 0.7400838877019486

100%|██████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 8 Macro-Averaged F1: 0.7637186390193608

Validation Macro-Averaged F1: 0.7998749218261413

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.0001

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.63it/s]

Epoch 1 Macro-Averaged F1: 0.21534313725490198

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.32373650871326426

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.3305331267161461

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.568222695494465

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.6901516730013435

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.6460186857537852

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.6498187513327109

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.7176142885342263

Validation Macro-Averaged F1: 0.7748592870544091

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.0005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.38479921760678854



100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 2 Macro-Averaged F1: 0.6907194119689779

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 3 Macro-Averaged F1: 0.7396672034353193

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 4 Macro-Averaged F1: 0.754161441112758

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 5 Macro-Averaged F1: 0.7592449922958397

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 6 Macro-Averaged F1: 0.7749999999999999

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 7 Macro-Averaged F1: 0.7774257907194599

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 8 Macro-Averaged F1: 0.7755387071029529

Validation Macro-Averaged F1: 0.8250000000000001

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.0005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 1 Macro-Averaged F1: 0.6334841628959276

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 2 Macro-Averaged F1: 0.6901516730013435

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 3 Macro-Averaged F1: 0.7404399854432322

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 4 Macro-Averaged F1: 0.7585560579179305

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 5 Macro-Averaged F1: 0.7670458196773986

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 6 Macro-Averaged F1: 0.770076427308504

100%|████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 7 Macro-Averaged F1: 0.7833838473881263

100%|████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 8 Macro-Averaged F1: 0.7803571428571429

Validation Macro-Averaged F1: 0.8100965342617503

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Dropout probability: 0.25

Epochs: 8

Learning rate: 0.0005

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.3009769122398975

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.6018274810073577

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.6764452113891286

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 4 Macro-Averaged F1: 0.6859903381642511

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 5 Macro-Averaged F1: 0.7340635095737137

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 6 Macro-Averaged F1: 0.7456247456247456

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 7 Macro-Averaged F1: 0.7464069874217865

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 8 Macro-Averaged F1: 0.750609620926624

Validation Macro-Averaged F1: 0.8110533774208786

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.42850407489728565

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 2 Macro-Averaged F1: 0.7100183297055791

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.7720625567608927

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.777241009125067

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 5 Macro-Averaged F1: 0.7696428571428571

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 6 Macro-Averaged F1: 0.7859955487074131

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 7 Macro-Averaged F1: 0.7752953261427837

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.759093764275925

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 9 Macro-Averaged F1: 0.777241009125067

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 10 Macro-Averaged F1: 0.8125

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 11 Macro-Averaged F1: 0.7964285714285714

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 12 Macro-Averaged F1: 0.802045882554357

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 13 Macro-Averaged F1: 0.7903766769865841

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 14 Macro-Averaged F1: 0.8065015479876162

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 15 Macro-Averaged F1: 0.7748327328872877

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 16 Macro-Averaged F1: 0.8235470256088517

Validation Macro-Averaged F1: 0.8749218261413383

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 1 Macro-Averaged F1: 0.4335821899381222

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 2 Macro-Averaged F1: 0.717946146517575

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 3 Macro-Averaged F1: 0.7240066024051619

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 4 Macro-Averaged F1: 0.7751541799908633

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 5 Macro-Averaged F1: 0.7668793631965931

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 6 Macro-Averaged F1: 0.7805076518958429

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 7 Macro-Averaged F1: 0.7965680676107811

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 8 Macro-Averaged F1: 0.7728098873137041

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 9 Macro-Averaged F1: 0.8017857142857142

100%|██████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 10 Macro-Averaged F1: 0.7891834193204055

100%|██████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 11 Macro-Averaged F1: 0.8340423709456373

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 12 Macro-Averaged F1: 0.7962772345170699

100%|██████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 13 Macro-Averaged F1: 0.7940809413442682

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 14 Macro-Averaged F1: 0.8048837855752988

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 15 Macro-Averaged F1: 0.8071428571428572

100%|██████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 16 Macro-Averaged F1: 0.8102294352855647

Validation Macro-Averaged F1: 0.7953964194373402

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.002

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 1 Macro-Averaged F1: 0.40126844009702173

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.723564143853999

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.7431946584488958

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.769800708085884

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 5 Macro-Averaged F1: 0.7561611729987352

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.7567729381829067

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.7855549837021788

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.7781555370239699

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 9 Macro-Averaged F1: 0.7805076518958429

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 10 Macro-Averaged F1: 0.7855549837021788

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 11 Macro-Averaged F1: 0.7886057613403643

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 12 Macro-Averaged F1: 0.7749999999999999

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 13 Macro-Averaged F1: 0.7907485835288731

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 14 Macro-Averaged F1: 0.8037198230431135

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 15 Macro-Averaged F1: 0.8152432362958677

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 16 Macro-Averaged F1: 0.8447493147555962

Validation Macro-Averaged F1: 0.7698209718670077

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.41688109161793374

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 2 Macro-Averaged F1: 0.6990024079807362  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 3 Macro-Averaged F1: 0.7726867534319843  
100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 4 Macro-Averaged F1: 0.7265826042202779  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 5 Macro-Averaged F1: 0.7666993228023256  
100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]  
Epoch 6 Macro-Averaged F1: 0.7508020778998064  
100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]  
Epoch 7 Macro-Averaged F1: 0.7857142857142858  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 8 Macro-Averaged F1: 0.7644472361809045  
100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]  
Epoch 9 Macro-Averaged F1: 0.7887323943661972  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 10 Macro-Averaged F1: 0.7888468364445015  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 11 Macro-Averaged F1: 0.7803571428571429  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 12 Macro-Averaged F1: 0.7768321275695674  
100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]  
Epoch 13 Macro-Averaged F1: 0.7822096666642767  
100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]  
Epoch 14 Macro-Averaged F1: 0.8073959938366718  
100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]  
Epoch 15 Macro-Averaged F1: 0.7829566484933798  
100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]  
Epoch 16 Macro-Averaged F1: 0.8118765049879602

Validation Macro-Averaged F1: 0.8500000000000001

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.001

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.68it/s]

Epoch 1 Macro-Averaged F1: 0.6348378966662849

100%|██████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 2 Macro-Averaged F1: 0.7063176726708387

100%|██████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 3 Macro-Averaged F1: 0.771670690038037

100%|██████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 4 Macro-Averaged F1: 0.769800708085884

100%|██████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 5 Macro-Averaged F1: 0.7566411124977714

100%|██████████| 94/94 [00:06<00:00, 13.69it/s]

Epoch 6 Macro-Averaged F1: 0.7729199467118808

100%|██████████| 94/94 [00:06<00:00, 13.66it/s]

Epoch 7 Macro-Averaged F1: 0.769800708085884

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 8 Macro-Averaged F1: 0.7645951035781545

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 9 Macro-Averaged F1: 0.7965680676107811

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 10 Macro-Averaged F1: 0.7858611238008223

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 11 Macro-Averaged F1: 0.8046610199727418

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 12 Macro-Averaged F1: 0.8152432362958677



100%|██████████████████| 94/94 [00:06<00:00, 13.68it/s]

Epoch 13 Macro-Averaged F1: 0.8103213672534534

100%|██████████████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 14 Macro-Averaged F1: 0.8072750114207401

100%|██████████████████| 94/94 [00:06<00:00, 13.66it/s]

Epoch 15 Macro-Averaged F1: 0.802045882554357

100%|██████████████████| 94/94 [00:06<00:00, 13.69it/s]

Epoch 16 Macro-Averaged F1: 0.7801938582947332

Validation Macro-Averaged F1: 0.784776072163317

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.63it/s]

Epoch 1 Macro-Averaged F1: 0.6069182389937107

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.6844092789066714

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.750402576489533

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7775975533944509

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.7585560579179305

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.7730169694293914

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 7 Macro-Averaged F1: 0.7701943906054042

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.7889491269439834

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 9 Macro-Averaged F1: 0.7970085470085471

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 10 Macro-Averaged F1: 0.7988787265537289

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 11 Macro-Averaged F1: 0.7965680676107811

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 12 Macro-Averaged F1: 0.7833838473881263

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 13 Macro-Averaged F1: 0.8045326992695412

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 14 Macro-Averaged F1: 0.8097521239880242

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 15 Macro-Averaged F1: 0.8127461051189865

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 16 Macro-Averaged F1: 0.7783577466192879

Validation Macro-Averaged F1: 0.8122359568142701

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.37it/s]

Epoch 1 Macro-Averaged F1: 0.42693404222530434

100%|████████████████| 47/47 [00:06<00:00, 7.36it/s]

Epoch 2 Macro-Averaged F1: 0.7309899569583931

100%|████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 3 Macro-Averaged F1: 0.7431946584488958

100%|████████████████| 47/47 [00:06<00:00, 7.36it/s]

Epoch 4 Macro-Averaged F1: 0.7755387071029529

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 5 Macro-Averaged F1: 0.7726867534319843

100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 6 Macro-Averaged F1: 0.7531906369827733

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 7 Macro-Averaged F1: 0.7674642376034383

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 8 Macro-Averaged F1: 0.7822096666642767

100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 9 Macro-Averaged F1: 0.7756410256410257

100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 10 Macro-Averaged F1: 0.7752953261427837

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 11 Macro-Averaged F1: 0.7914646666286431

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 12 Macro-Averaged F1: 0.8073959938366718

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 13 Macro-Averaged F1: 0.7931605074462218

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 14 Macro-Averaged F1: 0.7801938582947332

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 15 Macro-Averaged F1: 0.8098879677827047

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 16 Macro-Averaged F1: 0.7780353004100553

Validation Macro-Averaged F1: 0.9

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]  
Epoch 1 Macro-Averaged F1: 0.6711093857832988  
100%|██████████████████| 94/94 [00:06<00:00, 13.61it/s]  
Epoch 2 Macro-Averaged F1: 0.7424597951124592  
100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]  
Epoch 3 Macro-Averaged F1: 0.7478252160476164  
100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]  
Epoch 4 Macro-Averaged F1: 0.7602043382358223  
100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]  
Epoch 5 Macro-Averaged F1: 0.7589285714285714  
100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]  
Epoch 6 Macro-Averaged F1: 0.7749999999999999  
100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]  
Epoch 7 Macro-Averaged F1: 0.7831116252168884  
100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]  
Epoch 8 Macro-Averaged F1: 0.8072750114207401  
100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]  
Epoch 9 Macro-Averaged F1: 0.7988787265537289  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 10 Macro-Averaged F1: 0.7859955487074131  
100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]  
Epoch 11 Macro-Averaged F1: 0.7907485835288731  
100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]  
Epoch 12 Macro-Averaged F1: 0.8144749012325319  
100%|██████████████████| 94/94 [00:06<00:00, 13.47it/s]  
Epoch 13 Macro-Averaged F1: 0.7883157435923086  
100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]  
Epoch 14 Macro-Averaged F1: 0.815475129256552  
100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]  
Epoch 15 Macro-Averaged F1: 0.8260680314825783

100%|██████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 16 Macro-Averaged F1: 0.8102294352855647

Validation Macro-Averaged F1: 0.7968253968253969

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.005

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.6474358974358974

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.7490317252377968

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.7644472361809045

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7644472361809045

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 5 Macro-Averaged F1: 0.7907485835288731

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 6 Macro-Averaged F1: 0.7728098873137041

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.7720625567608927

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.7917497294526399

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 9 Macro-Averaged F1: 0.7912145957058018

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 10 Macro-Averaged F1: 0.8022602895906967

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 11 Macro-Averaged F1: 0.7959388246076298

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 12 Macro-Averaged F1: 0.8316936075629235

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 13 Macro-Averaged F1: 0.8367715372374965

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 14 Macro-Averaged F1: 0.7990339337901664

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 15 Macro-Averaged F1: 0.80477803530041

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 16 Macro-Averaged F1: 0.8016383599245154

Validation Macro-Averaged F1: 0.849906191369606

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.0001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.35it/s]

Epoch 1 Macro-Averaged F1: 0.3487660926346026

100%|████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 2 Macro-Averaged F1: 0.4308737443087375

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 3 Macro-Averaged F1: 0.5951866903733807

100%|████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 4 Macro-Averaged F1: 0.653791591920678

100%|████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 5 Macro-Averaged F1: 0.6962233169129721

100%|████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 6 Macro-Averaged F1: 0.6518156761538518

100%|████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 7 Macro-Averaged F1: 0.709072585030561

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 8 Macro-Averaged F1: 0.7250258799171843

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 9 Macro-Averaged F1: 0.7326463153801284

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 10 Macro-Averaged F1: 0.7400838877019486

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 11 Macro-Averaged F1: 0.7483868204659662

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 12 Macro-Averaged F1: 0.7314984534310918

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 13 Macro-Averaged F1: 0.7619896594758424

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 14 Macro-Averaged F1: 0.7564952440756096

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 15 Macro-Averaged F1: 0.7621185878931724

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 16 Macro-Averaged F1: 0.7564952440756096

Validation Macro-Averaged F1: 0.8245614035087718

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.0001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 1 Macro-Averaged F1: 0.3203449978870407

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 2 Macro-Averaged F1: 0.5171404682274248

100%|██████████████████| 94/94 [00:06<00:00, 13.47it/s]

Epoch 3 Macro-Averaged F1: 0.6753583082375749

100%|████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 4 Macro-Averaged F1: 0.693215683982937

100%|████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 5 Macro-Averaged F1: 0.712012574553754

100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 6 Macro-Averaged F1: 0.7557702630166399

100%|████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 7 Macro-Averaged F1: 0.7512925655197005

100%|████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 8 Macro-Averaged F1: 0.761520268097664

100%|████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 9 Macro-Averaged F1: 0.7729199467118808

100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 10 Macro-Averaged F1: 0.7378445471665811

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 11 Macro-Averaged F1: 0.7781555370239699

100%|████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 12 Macro-Averaged F1: 0.7671987498305279

100%|████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 13 Macro-Averaged F1: 0.772238458295522

100%|████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 14 Macro-Averaged F1: 0.7915716565955992

100%|████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 15 Macro-Averaged F1: 0.777902255585446

100%|████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 16 Macro-Averaged F1: 0.7754234871385387

Validation Macro-Averaged F1: 0.8245614035087718

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Dropout probability: 0.25

Epochs: 16



Learning rate: 0.0001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 1 Macro-Averaged F1: 0.48386521661615256

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.5002472571222624

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.4460756327651361

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.4863191843528922

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 5 Macro-Averaged F1: 0.5761489070052666

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.6763007500892965

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 7 Macro-Averaged F1: 0.6815956763461581

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.700218023255814

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 9 Macro-Averaged F1: 0.7377225302655581

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 10 Macro-Averaged F1: 0.7250258799171843

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 11 Macro-Averaged F1: 0.7578909612625538

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 12 Macro-Averaged F1: 0.7527519779841761

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 13 Macro-Averaged F1: 0.735088232565773

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 14 Macro-Averaged F1: 0.758749356664951

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 15 Macro-Averaged F1: 0.7452463869680566

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 16 Macro-Averaged F1: 0.7563352826510721

Validation Macro-Averaged F1: 0.7998749218261413

-----

Dropout probability: 0.25

Epochs: 16

Learning rate: 0.0005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.35it/s]

Epoch 1 Macro-Averaged F1: 0.3451243838719226

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 2 Macro-Averaged F1: 0.709072585030561

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 3 Macro-Averaged F1: 0.7355049516351913

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 4 Macro-Averaged F1: 0.7537402923709456

100%|██████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 5 Macro-Averaged F1: 0.7619896594758424

100%|██████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 6 Macro-Averaged F1: 0.7751541799908633

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 7 Macro-Averaged F1: 0.758749356664951

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 8 Macro-Averaged F1: 0.7595057576103067

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 9 Macro-Averaged F1: 0.737304855035169

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 10 Macro-Averaged F1: 0.7855549837021788

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 11 Macro-Averaged F1: 0.7832540084629052

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 12 Macro-Averaged F1: 0.7909161091096243

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 13 Macro-Averaged F1: 0.7829566484933798

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 14 Macro-Averaged F1: 0.7749999999999999

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 15 Macro-Averaged F1: 0.7917497294526399

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 16 Macro-Averaged F1: 0.7985329617982679

Validation Macro-Averaged F1: 0.8374746054070948

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Dropout probability: 0.25

Epochs: 16

Learning rate: 0.0005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 1 Macro-Averaged F1: 0.5846153846153848

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 2 Macro-Averaged F1: 0.6961453871975923

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 3 Macro-Averaged F1: 0.7176791975277661

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 4 Macro-Averaged F1: 0.7456247456247456

100%|██████████████████| 94/94 [00:06<00:00, 13.46it/s]

Epoch 5 Macro-Averaged F1: 0.7349142085984192

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 6 Macro-Averaged F1: 0.7726867534319843

100%|████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 7 Macro-Averaged F1: 0.7808830236005015

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 8 Macro-Averaged F1: 0.7858611238008223

100%|████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 9 Macro-Averaged F1: 0.7754234871385387

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 10 Macro-Averaged F1: 0.7832540084629052

100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 11 Macro-Averaged F1: 0.7864829471047088

100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 12 Macro-Averaged F1: 0.7962772345170699

100%|████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 13 Macro-Averaged F1: 0.7993092670952826

100%|████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 14 Macro-Averaged F1: 0.8098879677827047

100%|████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 15 Macro-Averaged F1: 0.7909161091096243

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 16 Macro-Averaged F1: 0.8179819552306989

Validation Macro-Averaged F1: 0.849624060150376

-----

Dropout probability: 0.25

Epochs: 16

Learning rate: 0.0005

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 1 Macro-Averaged F1: 0.3108267716535433

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.6195846759756535

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.6882252152601557

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7117063392273371

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 5 Macro-Averaged F1: 0.7431946584488958

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.7312521499828001

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.7553219711907306

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.750609620926624

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 9 Macro-Averaged F1: 0.758749356664951

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 10 Macro-Averaged F1: 0.7696428571428571

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 11 Macro-Averaged F1: 0.7699452148604691

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 12 Macro-Averaged F1: 0.7746523207234017

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 13 Macro-Averaged F1: 0.7478252160476164

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 14 Macro-Averaged F1: 0.7855549837021788

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 15 Macro-Averaged F1: 0.7858611238008223

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 16 Macro-Averaged F1: 0.7777563567037251

Validation Macro-Averaged F1: 0.8368627450980393

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.002

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.36it/s]

Epoch 1 Macro-Averaged F1: 0.6374458874458875

100%|██████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 2 Macro-Averaged F1: 0.7538948810135251

100%|██████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 3 Macro-Averaged F1: 0.7694716074798422

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 4 Macro-Averaged F1: 0.7595057576103067

Validation Macro-Averaged F1: 0.7678916827852997

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.002

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.66it/s]

Epoch 1 Macro-Averaged F1: 0.6458822182796314

100%|██████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 2 Macro-Averaged F1: 0.7340635095737137

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 3 Macro-Averaged F1: 0.7531906369827733

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 4 Macro-Averaged F1: 0.7512925655197005

Validation Macro-Averaged F1: 0.8232323232323232

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.002

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.637310121181089

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.7269729328460484

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.7462046463250434

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 4 Macro-Averaged F1: 0.7483868204659662

Validation Macro-Averaged F1: 0.8372711625723674

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.001

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 1 Macro-Averaged F1: 0.4235520043232394

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 2 Macro-Averaged F1: 0.7338118148118937

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 3 Macro-Averaged F1: 0.7454429828008775

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 4 Macro-Averaged F1: 0.7853831625937161

Validation Macro-Averaged F1: 0.8500000000000001

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.001

Batch size: 4

100%|████████████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 1 Macro-Averaged F1: 0.6396750524109014

100%|████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 2 Macro-Averaged F1: 0.7170950057838354

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 3 Macro-Averaged F1: 0.7618469969530688

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 4 Macro-Averaged F1: 0.7585560579179305

Validation Macro-Averaged F1: 0.7968253968253969

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.001

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.40015636907059376

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.6865452239580331

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.708137866032603

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7483868204659662

Validation Macro-Averaged F1: 0.7988686360779385

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 1 Macro-Averaged F1: 0.6650565563169439



100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 2 Macro-Averaged F1: 0.7508020778998064

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.746313083479908

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7569946378597012

Validation Macro-Averaged F1: 0.7678916827852997

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 1 Macro-Averaged F1: 0.43169553691397033

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 2 Macro-Averaged F1: 0.7454429828008775

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 3 Macro-Averaged F1: 0.7476085462252262

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 4 Macro-Averaged F1: 0.7673382064539134

Validation Macro-Averaged F1: 0.7538461538461538

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.42047138451680083

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.7167512256299167

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 3 Macro-Averaged F1: 0.7511434911981505

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7883157435923086

Validation Macro-Averaged F1: 0.8374746054070948

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.0001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.3194192377495463

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 2 Macro-Averaged F1: 0.5679755613530448

100%|████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 3 Macro-Averaged F1: 0.6412654153905479

100%|████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 4 Macro-Averaged F1: 0.6621596876854001

Validation Macro-Averaged F1: 0.774436090225564

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.0001

Batch size: 4

100%|████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 1 Macro-Averaged F1: 0.5063123530351803

100%|████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 2 Macro-Averaged F1: 0.5670704706477734

100%|████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 3 Macro-Averaged F1: 0.6683167212968537

100%|████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 4 Macro-Averaged F1: 0.7023809523809523

Validation Macro-Averaged F1: 0.7988686360779383

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.0001

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.5357842008291109

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.6147919876733436

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 3 Macro-Averaged F1: 0.6054292929292929

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.5892335534671069

Validation Macro-Averaged F1: 0.7364705882352941

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.0005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 1 Macro-Averaged F1: 0.38017579623419046

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.6872843340234644

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 3 Macro-Averaged F1: 0.7471305595408895

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7537402923709456

Validation Macro-Averaged F1: 0.8250000000000001

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.0005

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 1 Macro-Averaged F1: 0.6421051864695726

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 2 Macro-Averaged F1: 0.7326463153801284

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 3 Macro-Averaged F1: 0.7606995102854399

100%|██████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 4 Macro-Averaged F1: 0.7728098873137041

Validation Macro-Averaged F1: 0.7817364788958434

-----

Dropout probability: 0.2

Epochs: 4

Learning rate: 0.0005

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.4940079361911073

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.6356650768415474

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7034592822636301

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7049018485663595

Validation Macro-Averaged F1: 0.8100965342617503

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 1 Macro-Averaged F1: 0.6517857142857143

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 2 Macro-Averaged F1: 0.7450348899624262

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 3 Macro-Averaged F1: 0.7512925655197005

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 4 Macro-Averaged F1: 0.780017741658559

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 5 Macro-Averaged F1: 0.769800708085884

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 6 Macro-Averaged F1: 0.7670458196773986

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 7 Macro-Averaged F1: 0.7833838473881263

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 8 Macro-Averaged F1: 0.802045882554357

Validation Macro-Averaged F1: 0.837474605407095

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 1 Macro-Averaged F1: 0.4289156626506025

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 2 Macro-Averaged F1: 0.7130669832166532

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 3 Macro-Averaged F1: 0.7561611729987352

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 4 Macro-Averaged F1: 0.7694716074798422

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 5 Macro-Averaged F1: 0.7535714285714286

100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 6 Macro-Averaged F1: 0.8016383599245154

100%|██████████████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 7 Macro-Averaged F1: 0.7907485835288731

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 8 Macro-Averaged F1: 0.8207162786051192

Validation Macro-Averaged F1: 0.8117647058823529

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.002

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.63it/s]

Epoch 1 Macro-Averaged F1: 0.6304990436445834

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.7613360888437583

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.7404399854432322

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7645951035781545

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.7801938582947332

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.7881522586365943

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.7939575142178235

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.8126284833257196

Validation Macro-Averaged F1: 0.8245614035087718

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 1 Macro-Averaged F1: 0.6279761904761905

100%|████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 2 Macro-Averaged F1: 0.7173955170854596

100%|████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 3 Macro-Averaged F1: 0.7592449922958397

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 4 Macro-Averaged F1: 0.7561611729987352

100%|████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 5 Macro-Averaged F1: 0.7751541799908633

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 6 Macro-Averaged F1: 0.772238458295522

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 7 Macro-Averaged F1: 0.780017741658559

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 8 Macro-Averaged F1: 0.7720625567608927

Validation Macro-Averaged F1: 0.8374746054070948

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 1 Macro-Averaged F1: 0.6366513791098767

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 2 Macro-Averaged F1: 0.725609756097561

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 3 Macro-Averaged F1: 0.7533882312575055

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 4 Macro-Averaged F1: 0.7637186390193608

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 5 Macro-Averaged F1: 0.7564952440756096

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 6 Macro-Averaged F1: 0.7884668937300516

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 7 Macro-Averaged F1: 0.7938221622432149

100%|██████████████████| 94/94 [00:06<00:00, 13.47it/s]

Epoch 8 Macro-Averaged F1: 0.7805076518958429

Validation Macro-Averaged F1: 0.8110533774208786

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.36018796018796023

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.6566133720930232

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7261284224997135



100%|██████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7160714285714287

100%|██████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 5 Macro-Averaged F1: 0.7485447697312104

100%|██████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 6 Macro-Averaged F1: 0.7781555370239699

100%|██████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 7 Macro-Averaged F1: 0.7701943906054042

100%|██████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 8 Macro-Averaged F1: 0.7645951035781545

Validation Macro-Averaged F1: 0.849906191369606

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.005

Batch size: 8

100%|██████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.43810890994353535

100%|██████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 2 Macro-Averaged F1: 0.7389272872122816

100%|██████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.7456247456247456

100%|██████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 4 Macro-Averaged F1: 0.7909161091096243

100%|██████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 5 Macro-Averaged F1: 0.7566411124977714

100%|██████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 6 Macro-Averaged F1: 0.7777563567037251

100%|██████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 7 Macro-Averaged F1: 0.80477803530041

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 8 Macro-Averaged F1: 0.810126582278481

Validation Macro-Averaged F1: 0.7698209718670077

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.005

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 1 Macro-Averaged F1: 0.4151337452984836

100%|██████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 2 Macro-Averaged F1: 0.7585560579179305

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 3 Macro-Averaged F1: 0.7639214788530877

100%|██████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 4 Macro-Averaged F1: 0.7609257813339445

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 5 Macro-Averaged F1: 0.7796267629858961

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 6 Macro-Averaged F1: 0.7744587008821171

100%|██████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 7 Macro-Averaged F1: 0.7936748386912376

100%|██████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 8 Macro-Averaged F1: 0.7836985238091847

Validation Macro-Averaged F1: 0.7512682048764523

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 1 Macro-Averaged F1: 0.43433689117899643  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 2 Macro-Averaged F1: 0.7407359890521095  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 3 Macro-Averaged F1: 0.7649572649572649  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 4 Macro-Averaged F1: 0.7836985238091847  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 5 Macro-Averaged F1: 0.7832540084629052  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 6 Macro-Averaged F1: 0.7805076518958429  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 7 Macro-Averaged F1: 0.80477803530041  
100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]  
Epoch 8 Macro-Averaged F1: 0.8233354271356784  
Validation Macro-Averaged F1: 0.8122359568142701

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.0001

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 1 Macro-Averaged F1: 0.4989246082501482  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 2 Macro-Averaged F1: 0.5108695652173912  
100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]  
Epoch 3 Macro-Averaged F1: 0.6273370875671178  
100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]  
Epoch 4 Macro-Averaged F1: 0.6587450769781596

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 5 Macro-Averaged F1: 0.7224560283276252

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 6 Macro-Averaged F1: 0.756169806958733

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 7 Macro-Averaged F1: 0.7199402539208364

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.7557702630166399

Validation Macro-Averaged F1: 0.7858604944103291

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.0001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 1 Macro-Averaged F1: 0.31277419354838715

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 2 Macro-Averaged F1: 0.5662511245341216

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 3 Macro-Averaged F1: 0.6563605885639785

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 4 Macro-Averaged F1: 0.6798029556650247

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 5 Macro-Averaged F1: 0.720502235982112

100%|██████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 6 Macro-Averaged F1: 0.7589285714285714

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 7 Macro-Averaged F1: 0.735088232565773

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 8 Macro-Averaged F1: 0.7642857142857142

Validation Macro-Averaged F1: 0.81223595681427

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.0001

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.4967736409319323

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.4497338247338248

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 3 Macro-Averaged F1: 0.457899057681325

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.6063566980528962

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 5 Macro-Averaged F1: 0.6682908545727136

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.7076737019255287

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.726180406445876

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.7157224440289078

Validation Macro-Averaged F1: 0.7749999999999999

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.0005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 1 Macro-Averaged F1: 0.607987742009394

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 2 Macro-Averaged F1: 0.6773808749213786

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 3 Macro-Averaged F1: 0.7240066024051619

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 4 Macro-Averaged F1: 0.7566411124977714

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 5 Macro-Averaged F1: 0.7775975533944509

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 6 Macro-Averaged F1: 0.7456247456247456

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 7 Macro-Averaged F1: 0.7593823076484343

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 8 Macro-Averaged F1: 0.7754234871385387

Validation Macro-Averaged F1: 0.849906191369606

-----

Dropout probability: 0.2

Epochs: 8

Learning rate: 0.0005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 1 Macro-Averaged F1: 0.6208787612099878

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 2 Macro-Averaged F1: 0.6951987052688365

100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 3 Macro-Averaged F1: 0.759093764275925

100%|██████████████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 4 Macro-Averaged F1: 0.7563352826510721

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 5 Macro-Averaged F1: 0.7529785771566044

100%|████████████████| 94/94 [00:06<00:00, 13.66it/s]

Epoch 6 Macro-Averaged F1: 0.7935154925951617

100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 7 Macro-Averaged F1: 0.7775975533944509

100%|████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 8 Macro-Averaged F1: 0.7939575142178235

Validation Macro-Averaged F1: 0.8372711625723674

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Dropout probability: 0.2

Epochs: 8

Learning rate: 0.0005

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.46939717465818204

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.573001012145749

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.6705008387251378

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.696969696969697

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.720502235982112

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.7128287707997853

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.7263635323069879

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.750402576489533

Validation Macro-Averaged F1: 0.8110533774208786

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 1 Macro-Averaged F1: 0.41920010119143186

100%|██████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 2 Macro-Averaged F1: 0.729156685092355

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 3 Macro-Averaged F1: 0.7460816387623752

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 4 Macro-Averaged F1: 0.7729199467118808

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 5 Macro-Averaged F1: 0.7774257907194599

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 6 Macro-Averaged F1: 0.7994294883223392

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 7 Macro-Averaged F1: 0.7881522586365943

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 8 Macro-Averaged F1: 0.8126284833257196

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 9 Macro-Averaged F1: 0.7807705469685735

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 10 Macro-Averaged F1: 0.8066788864703861

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 11 Macro-Averaged F1: 0.7938221622432149

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 12 Macro-Averaged F1: 0.8072750114207401

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 13 Macro-Averaged F1: 0.7756410256410257



100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 14 Macro-Averaged F1: 0.8039054161503141

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 15 Macro-Averaged F1: 0.8072750114207401

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 16 Macro-Averaged F1: 0.8204703141858819

Validation Macro-Averaged F1: 0.8614391434419777

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 1 Macro-Averaged F1: 0.644906743185079

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 2 Macro-Averaged F1: 0.7375

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 3 Macro-Averaged F1: 0.7389272872122816

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 4 Macro-Averaged F1: 0.7749999999999999

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 5 Macro-Averaged F1: 0.7749999999999999

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 6 Macro-Averaged F1: 0.8045326992695412

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 7 Macro-Averaged F1: 0.7940809413442682

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 8 Macro-Averaged F1: 0.7966957712720424

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 9 Macro-Averaged F1: 0.8098879677827047

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 10 Macro-Averaged F1: 0.7990339337901664

100%|██████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 11 Macro-Averaged F1: 0.8100127728502008

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 12 Macro-Averaged F1: 0.8204703141858819

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 13 Macro-Averaged F1: 0.8233354271356784

100%|██████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 14 Macro-Averaged F1: 0.81536452572766

100%|██████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 15 Macro-Averaged F1: 0.8179819552306989

100%|██████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 16 Macro-Averaged F1: 0.8125

Validation Macro-Averaged F1: 0.8240100565681961

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.002

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.42135585878275944

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.7242036715720925

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.735088232565773

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7858611238008223

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 5 Macro-Averaged F1: 0.8048837855752988

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.777902255585446

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.8102294352855647

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.794380078188978

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 9 Macro-Averaged F1: 0.8102294352855647

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 10 Macro-Averaged F1: 0.7941924861547673

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 11 Macro-Averaged F1: 0.7917497294526399

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 12 Macro-Averaged F1: 0.7827890246780271

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 13 Macro-Averaged F1: 0.8209207347060963

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 14 Macro-Averaged F1: 0.810126582278481

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 15 Macro-Averaged F1: 0.8237179487179487

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 16 Macro-Averaged F1: 0.8392857142857142

Validation Macro-Averaged F1: 0.8372711625723674

-----

Dropout probability: 0.2

Epochs: 16

Learning rate: 0.001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 1 Macro-Averaged F1: 0.40805768515519086

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 2 Macro-Averaged F1: 0.7501808726298522  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 3 Macro-Averaged F1: 0.7557702630166399  
100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 4 Macro-Averaged F1: 0.7499444320960214  
100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]  
Epoch 5 Macro-Averaged F1: 0.7720625567608927  
100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]  
Epoch 6 Macro-Averaged F1: 0.7670458196773986  
100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]  
Epoch 7 Macro-Averaged F1: 0.7907485835288731  
100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]  
Epoch 8 Macro-Averaged F1: 0.7835011867342356  
100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]  
Epoch 9 Macro-Averaged F1: 0.7775975533944509  
100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]  
Epoch 10 Macro-Averaged F1: 0.7886057613403643  
100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]  
Epoch 11 Macro-Averaged F1: 0.7879763821792807  
100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]  
Epoch 12 Macro-Averaged F1: 0.7939575142178235  
100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]  
Epoch 13 Macro-Averaged F1: 0.8122102672695015  
100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]  
Epoch 14 Macro-Averaged F1: 0.8021587862887127  
100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]  
Epoch 15 Macro-Averaged F1: 0.7941924861547673  
100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 16 Macro-Averaged F1: 0.7994294883223392

Validation Macro-Averaged F1: 0.8500000000000001

-----

Dropout probability: 0.2

Epochs: 16

Learning rate: 0.001

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 1 Macro-Averaged F1: 0.6394256837356583

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 2 Macro-Averaged F1: 0.7281614021488707

100%|██████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 3 Macro-Averaged F1: 0.737304855035169

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 4 Macro-Averaged F1: 0.7694716074798422

100%|██████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 5 Macro-Averaged F1: 0.7782630067892482

100%|██████████| 94/94 [00:06<00:00, 13.66it/s]

Epoch 6 Macro-Averaged F1: 0.7749999999999999

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 7 Macro-Averaged F1: 0.7752953261427837

100%|██████████| 94/94 [00:06<00:00, 13.69it/s]

Epoch 8 Macro-Averaged F1: 0.802045882554357

100%|██████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 9 Macro-Averaged F1: 0.7913456599897277

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 10 Macro-Averaged F1: 0.7965680676107811

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 11 Macro-Averaged F1: 0.8175756882046585

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 12 Macro-Averaged F1: 0.8152432362958677

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 13 Macro-Averaged F1: 0.8098879677827047

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 14 Macro-Averaged F1: 0.8207162786051192

100%|██████████████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 15 Macro-Averaged F1: 0.8071428571428572

100%|██████████████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 16 Macro-Averaged F1: 0.8045326992695412

Validation Macro-Averaged F1: 0.8122359568142701

-----

Dropout probability: 0.2

Epochs: 16

Learning rate: 0.001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.39337645907919877

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.6983971965301317

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.732326404751028

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7457917383206913

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.7670458196773986

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.7460816387623752

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 7 Macro-Averaged F1: 0.7833838473881263

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.7563352826510721

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 9 Macro-Averaged F1: 0.7699452148604691

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 10 Macro-Averaged F1: 0.7991774307563781

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 11 Macro-Averaged F1: 0.7836060668666158

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 12 Macro-Averaged F1: 0.7991774307563781

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 13 Macro-Averaged F1: 0.8021587862887127

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 14 Macro-Averaged F1: 0.834326188575989

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 15 Macro-Averaged F1: 0.7941924861547673

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 16 Macro-Averaged F1: 0.8127461051189865

Validation Macro-Averaged F1: 0.8117647058823529

-----

Dropout probability: 0.2

Epochs: 16

Learning rate: 0.005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 1 Macro-Averaged F1: 0.42361726977111597

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 2 Macro-Averaged F1: 0.7448084182778061

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.74334112815833

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7829566484933798

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 5 Macro-Averaged F1: 0.8072750114207401

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 6 Macro-Averaged F1: 0.7805076518958429

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 7 Macro-Averaged F1: 0.8017857142857142

100%|██████████████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 8 Macro-Averaged F1: 0.7751541799908633

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 9 Macro-Averaged F1: 0.7994294883223392

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 10 Macro-Averaged F1: 0.769800708085884

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 11 Macro-Averaged F1: 0.7912145957058018

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 12 Macro-Averaged F1: 0.7959388246076298

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 13 Macro-Averaged F1: 0.771670690038037

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 14 Macro-Averaged F1: 0.7993092670952826

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 15 Macro-Averaged F1: 0.804978307176086

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 16 Macro-Averaged F1: 0.802045882554357

Validation Macro-Averaged F1: 0.8368627450980393

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.005

Batch size: 4



100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]  
Epoch 1 Macro-Averaged F1: 0.4252368367063708  
100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]  
Epoch 2 Macro-Averaged F1: 0.7134931345457662  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 3 Macro-Averaged F1: 0.7694716074798422  
100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]  
Epoch 4 Macro-Averaged F1: 0.7909161091096243  
100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]  
Epoch 5 Macro-Averaged F1: 0.8149684284294306  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 6 Macro-Averaged F1: 0.777902255585446  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 7 Macro-Averaged F1: 0.8017857142857142  
100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]  
Epoch 8 Macro-Averaged F1: 0.777241009125067  
100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]  
Epoch 9 Macro-Averaged F1: 0.7953409547883035  
100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]  
Epoch 10 Macro-Averaged F1: 0.7905687936762515  
100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]  
Epoch 11 Macro-Averaged F1: 0.7751541799908633  
100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]  
Epoch 12 Macro-Averaged F1: 0.8152432362958677  
100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]  
Epoch 13 Macro-Averaged F1: 0.8209207347060963  
100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]  
Epoch 14 Macro-Averaged F1: 0.8174189483331424  
100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]  
Epoch 15 Macro-Averaged F1: 0.7966957712720424

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 16 Macro-Averaged F1: 0.8014794253991873

Validation Macro-Averaged F1: 0.7817364788958434

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.6869224566686409

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.7490317252377968

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7751541799908633

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7858611238008223

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 5 Macro-Averaged F1: 0.7671987498305279

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 6 Macro-Averaged F1: 0.7942921870213508

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 7 Macro-Averaged F1: 0.7915716565955992

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 8 Macro-Averaged F1: 0.7690886699507389

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 9 Macro-Averaged F1: 0.8127461051189865

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 10 Macro-Averaged F1: 0.8069994853319609

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 11 Macro-Averaged F1: 0.8072750114207401

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 12 Macro-Averaged F1: 0.8230828615542976

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 13 Macro-Averaged F1: 0.8097521239880242

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 14 Macro-Averaged F1: 0.8122102672695015

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 15 Macro-Averaged F1: 0.7807705469685735

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 16 Macro-Averaged F1: 0.818096216401301

Validation Macro-Averaged F1: 0.8623063683304648

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.0001

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.418889160753609

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 2 Macro-Averaged F1: 0.45594351484669704

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 3 Macro-Averaged F1: 0.5117893823231593

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 4 Macro-Averaged F1: 0.6329926054806436

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 5 Macro-Averaged F1: 0.6881867316030172

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 6 Macro-Averaged F1: 0.7076737019255287

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 7 Macro-Averaged F1: 0.7207582362764873

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.7340635095737137

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 9 Macro-Averaged F1: 0.723564143853999

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 10 Macro-Averaged F1: 0.74802710585006

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 11 Macro-Averaged F1: 0.7489316239316239

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 12 Macro-Averaged F1: 0.7618469969530688

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 13 Macro-Averaged F1: 0.7410681871569822

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 14 Macro-Averaged F1: 0.7540352478183996

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 15 Macro-Averaged F1: 0.7430333485609868

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 16 Macro-Averaged F1: 0.7808830236005015

Validation Macro-Averaged F1: 0.824010056568196

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.0001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 1 Macro-Averaged F1: 0.27601251840942564

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 2 Macro-Averaged F1: 0.4834530617938345

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 3 Macro-Averaged F1: 0.6412037037037037

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 4 Macro-Averaged F1: 0.6982080758411411

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 5 Macro-Averaged F1: 0.7091687252254841

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 6 Macro-Averaged F1: 0.7428571428571429

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 7 Macro-Averaged F1: 0.7499444320960214

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 8 Macro-Averaged F1: 0.7295589400852558

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 9 Macro-Averaged F1: 0.7486881879883648

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 10 Macro-Averaged F1: 0.7644472361809045

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 11 Macro-Averaged F1: 0.7757304778720737

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 12 Macro-Averaged F1: 0.7749999999999999

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 13 Macro-Averaged F1: 0.7564952440756096

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 14 Macro-Averaged F1: 0.7675768866345133

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 15 Macro-Averaged F1: 0.7674642376034383

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 16 Macro-Averaged F1: 0.7781555370239699

Validation Macro-Averaged F1: 0.81223595681427

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.0001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.5450401099991912

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.448572091943348

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.4392790147622543

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.5098621673003803

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 5 Macro-Averaged F1: 0.596372574219252

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.6422329244930203

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 7 Macro-Averaged F1: 0.6810850439882697

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.7215094006661715

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 9 Macro-Averaged F1: 0.7456709956709955

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 10 Macro-Averaged F1: 0.7151272789817681

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 11 Macro-Averaged F1: 0.7417503586800575

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 12 Macro-Averaged F1: 0.7404399854432322

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 13 Macro-Averaged F1: 0.7671987498305279

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 14 Macro-Averaged F1: 0.7589285714285714

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 15 Macro-Averaged F1: 0.7509800141379089

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 16 Macro-Averaged F1: 0.7618469969530688

Validation Macro-Averaged F1: 0.7998749218261413

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Dropout probability: 0.2

Epochs: 16

Learning rate: 0.0005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.39647330281383847

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 2 Macro-Averaged F1: 0.696969696969697

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.7375

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7564952440756096

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 5 Macro-Averaged F1: 0.7402694771115824

100%|██████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 6 Macro-Averaged F1: 0.7806454374250984

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 7 Macro-Averaged F1: 0.7853831625937161

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.7754234871385387

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 9 Macro-Averaged F1: 0.8016383599245154

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 10 Macro-Averaged F1: 0.7884668937300516

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 11 Macro-Averaged F1: 0.772238458295522

100%|██████████████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 12 Macro-Averaged F1: 0.7910714285714285

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 13 Macro-Averaged F1: 0.8019215395157606

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 14 Macro-Averaged F1: 0.7912145957058018

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 15 Macro-Averaged F1: 0.8100127728502008

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 16 Macro-Averaged F1: 0.8045326992695412

Validation Macro-Averaged F1: 0.837474605407095

-----

Dropout probability: 0.2

Epochs: 16

Learning rate: 0.0005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 1 Macro-Averaged F1: 0.5972476801466376

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 2 Macro-Averaged F1: 0.7173955170854596

100%|██████████████████| 94/94 [00:06<00:00, 13.46it/s]

Epoch 3 Macro-Averaged F1: 0.758749356664951

100%|██████████████████| 94/94 [00:06<00:00, 13.45it/s]

Epoch 4 Macro-Averaged F1: 0.7563352826510721

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 5 Macro-Averaged F1: 0.7694716074798422

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 6 Macro-Averaged F1: 0.7671987498305279



100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 7 Macro-Averaged F1: 0.7970085470085471

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 8 Macro-Averaged F1: 0.7673382064539134

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 9 Macro-Averaged F1: 0.7905687936762515

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 10 Macro-Averaged F1: 0.7887323943661972

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 11 Macro-Averaged F1: 0.7990339337901664

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 12 Macro-Averaged F1: 0.8127461051189865

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 13 Macro-Averaged F1: 0.8016383599245154

100%|██████████████████| 94/94 [00:06<00:00, 13.46it/s]

Epoch 14 Macro-Averaged F1: 0.780017741658559

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 15 Macro-Averaged F1: 0.813034188034188

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 16 Macro-Averaged F1: 0.8102294352855647

Validation Macro-Averaged F1: 0.7988686360779385

-----

Dropout probability: 0.2

Epochs: 16

Learning rate: 0.0005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.4203811827716139

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 2 Macro-Averaged F1: 0.6584298054886291

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 3 Macro-Averaged F1: 0.6773808749213786

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 4 Macro-Averaged F1: 0.7091687252254841

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 5 Macro-Averaged F1: 0.7360975469638651

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 6 Macro-Averaged F1: 0.7509800141379089

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 7 Macro-Averaged F1: 0.737304855035169

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.759093764275925

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 9 Macro-Averaged F1: 0.7404399854432322

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 10 Macro-Averaged F1: 0.7426659804426146

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 11 Macro-Averaged F1: 0.7887323943661972

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 12 Macro-Averaged F1: 0.7881522586365943

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 13 Macro-Averaged F1: 0.7641104820723966

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 14 Macro-Averaged F1: 0.7674642376034383

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 15 Macro-Averaged F1: 0.8069994853319609

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 16 Macro-Averaged F1: 0.7965680676107811

Validation Macro-Averaged F1: 0.8368627450980393

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.002

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 1 Macro-Averaged F1: 0.43094075988132835

100%|██████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 2 Macro-Averaged F1: 0.7616905511642353

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.750609620926624

100%|██████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 4 Macro-Averaged F1: 0.7887323943661972

Validation Macro-Averaged F1: 0.7834050007963052

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.002

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 1 Macro-Averaged F1: 0.43815804697443017

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 2 Macro-Averaged F1: 0.7454429828008775

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 3 Macro-Averaged F1: 0.7666993228023256

100%|██████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 4 Macro-Averaged F1: 0.7589285714285714

Validation Macro-Averaged F1: 0.8100965342617503

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.002

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.4042071791108665

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.7188484030589293

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7593823076484343

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 4 Macro-Averaged F1: 0.7780353004100553

Validation Macro-Averaged F1: 0.8372711625723674

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.001

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 1 Macro-Averaged F1: 0.43368666232407577

100%|██████████████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 2 Macro-Averaged F1: 0.7366271069831443

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.7564952440756096

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7857142857142858

Validation Macro-Averaged F1: 0.8749218261413384

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 1 Macro-Averaged F1: 0.4289156626506025

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 2 Macro-Averaged F1: 0.732326404751028

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 3 Macro-Averaged F1: 0.7718733225979603

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 4 Macro-Averaged F1: 0.7376798766560073

Validation Macro-Averaged F1: 0.836246260431428

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.4110947532000164

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.7284342757171844

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 3 Macro-Averaged F1: 0.7538948810135251

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.7670458196773986

Validation Macro-Averaged F1: 0.8500000000000001

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.005

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 1 Macro-Averaged F1: 0.4375592246949031

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 2 Macro-Averaged F1: 0.7297364796883139

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 3 Macro-Averaged F1: 0.7751541799908633

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 4 Macro-Averaged F1: 0.7641104820723966

Validation Macro-Averaged F1: 0.7817364788958434

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 1 Macro-Averaged F1: 0.42618087424094936

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 2 Macro-Averaged F1: 0.7531906369827733

100%|██████████████████| 94/94 [00:06<00:00, 13.45it/s]

Epoch 3 Macro-Averaged F1: 0.7448084182778061

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 4 Macro-Averaged F1: 0.7933440687063875

Validation Macro-Averaged F1: 0.6754563894523327

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.6517095257444709

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.7624977761964064

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7509800141379089

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7796267629858961

Validation Macro-Averaged F1: 0.8368627450980393

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.0001

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 1 Macro-Averaged F1: 0.3806470545081065

100%|██████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 2 Macro-Averaged F1: 0.5874086608138768

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 3 Macro-Averaged F1: 0.6492100730533944

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 4 Macro-Averaged F1: 0.6748894441975506

Validation Macro-Averaged F1: 0.7988686360779383

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.0001

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 1 Macro-Averaged F1: 0.3743635005770927

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 2 Macro-Averaged F1: 0.6130436083029253

100%|██████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 3 Macro-Averaged F1: 0.6957050947661276

100%|████████████████| 94/94 [00:06<00:00, 13.47it/s]

Epoch 4 Macro-Averaged F1: 0.7383564107174969

Validation Macro-Averaged F1: 0.787466791686201

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.0001

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.3603324438833577

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 2 Macro-Averaged F1: 0.49523809523809526

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 3 Macro-Averaged F1: 0.4810885608856089

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.595247778751095

Validation Macro-Averaged F1: 0.73547472838923

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.0005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 1 Macro-Averaged F1: 0.37672799162007053

100%|████████████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 2 Macro-Averaged F1: 0.6961453871975923

100%|████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 3 Macro-Averaged F1: 0.7307117826161889

100%|████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 4 Macro-Averaged F1: 0.7751541799908633



Validation Macro-Averaged F1: 0.8248905565978737

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.0005

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 1 Macro-Averaged F1: 0.6270969043638669

100%|██████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 2 Macro-Averaged F1: 0.7370943741773022

100%|██████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 3 Macro-Averaged F1: 0.7670458196773986

100%|██████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 4 Macro-Averaged F1: 0.7748327328872877

Validation Macro-Averaged F1: 0.7988686360779385

-----

Dropout probability: 0.15

Epochs: 4

Learning rate: 0.0005

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.533106960950764

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.6560534591194969

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7052758329788231

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7281614021488707

Validation Macro-Averaged F1: 0.8100965342617503

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.40160055009765694

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.7156326904366737

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 3 Macro-Averaged F1: 0.7589285714285714

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 4 Macro-Averaged F1: 0.777241009125067

100%|██████████████████| 47/47 [00:06<00:00, 7.24it/s]

Epoch 5 Macro-Averaged F1: 0.7782630067892482

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 6 Macro-Averaged F1: 0.8043930288890954

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 7 Macro-Averaged F1: 0.8152432362958677

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 8 Macro-Averaged F1: 0.7965680676107811

Validation Macro-Averaged F1: 0.8500000000000001

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 1 Macro-Averaged F1: 0.43917397623694376

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 2 Macro-Averaged F1: 0.7509800141379089

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 3 Macro-Averaged F1: 0.7670458196773986

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 4 Macro-Averaged F1: 0.7964285714285714

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 5 Macro-Averaged F1: 0.7888468364445015

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 6 Macro-Averaged F1: 0.80477803530041

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 7 Macro-Averaged F1: 0.7936748386912376

100%|██████████████████| 94/94 [00:06<00:00, 13.61it/s]

Epoch 8 Macro-Averaged F1: 0.7853831625937161

Validation Macro-Averaged F1: 0.8122359568142701

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.002

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.4016002064782553

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.7319437296277234

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.7508020778998064

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7861176067986084

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.7891173895402226

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.7861176067986084

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 7 Macro-Averaged F1: 0.7938221622432149

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.8148148148148149

Validation Macro-Averaged F1: 0.8368627450980392

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 1 Macro-Averaged F1: 0.6196428571428572

100%|████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 2 Macro-Averaged F1: 0.7309899569583931

100%|████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 3 Macro-Averaged F1: 0.7690886699507389

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7941924861547673

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 5 Macro-Averaged F1: 0.7748327328872877

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 6 Macro-Averaged F1: 0.7938221622432149

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 7 Macro-Averaged F1: 0.7907485835288731

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.7938221622432149

Validation Macro-Averaged F1: 0.849624060150376

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 1 Macro-Averaged F1: 0.6685970067753501

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 2 Macro-Averaged F1: 0.7396672034353193

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 3 Macro-Averaged F1: 0.7561611729987352

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 4 Macro-Averaged F1: 0.7775975533944509

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 5 Macro-Averaged F1: 0.7887323943661972

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 6 Macro-Averaged F1: 0.8072750114207401

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 7 Macro-Averaged F1: 0.8043930288890954

100%|██████████████████| 94/94 [00:06<00:00, 13.43it/s]

Epoch 8 Macro-Averaged F1: 0.7962772345170699

Validation Macro-Averaged F1: 0.797979797979798

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 1 Macro-Averaged F1: 0.630462147095846

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 2 Macro-Averaged F1: 0.7158603534053869

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7568907664797784

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7858611238008223

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 5 Macro-Averaged F1: 0.7780353004100553

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 6 Macro-Averaged F1: 0.802045882554357

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 7 Macro-Averaged F1: 0.7886057613403643

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 8 Macro-Averaged F1: 0.7938221622432149

Validation Macro-Averaged F1: 0.849906191369606

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 1 Macro-Averaged F1: 0.447910050012777

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 2 Macro-Averaged F1: 0.7128287707997853

100%|██████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 3 Macro-Averaged F1: 0.7569946378597012

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 4 Macro-Averaged F1: 0.7803571428571429

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 5 Macro-Averaged F1: 0.7913456599897277

100%|██████████| 47/47 [00:06<00:00, 7.34it/s]

Epoch 6 Macro-Averaged F1: 0.7887323943661972

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 7 Macro-Averaged F1: 0.7862273400980504

100%|██████████| 47/47 [00:06<00:00, 7.33it/s]

Epoch 8 Macro-Averaged F1: 0.8051337903346361

Validation Macro-Averaged F1: 0.7714285714285716

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.005

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.69it/s]

Epoch 1 Macro-Averaged F1: 0.4181412103746398

100%|██████████| 94/94 [00:06<00:00, 13.64it/s]

Epoch 2 Macro-Averaged F1: 0.7379940683282953

100%|██████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 3 Macro-Averaged F1: 0.7494270051228257

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 4 Macro-Averaged F1: 0.782608695652174

100%|██████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 5 Macro-Averaged F1: 0.7775975533944509

100%|██████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 6 Macro-Averaged F1: 0.7933440687063875

100%|██████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 7 Macro-Averaged F1: 0.8071428571428572

100%|██████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 8 Macro-Averaged F1: 0.7859955487074131

Validation Macro-Averaged F1: 0.7512682048764523

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Dropout probability: 0.15

Epochs: 8

Learning rate: 0.005

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.44128787878787873

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.7701943906054042

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 3 Macro-Averaged F1: 0.7962772345170699

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7726867534319843

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 5 Macro-Averaged F1: 0.7833838473881263

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 6 Macro-Averaged F1: 0.7555533269818984

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 7 Macro-Averaged F1: 0.7811450207823265

100%|████████████████| 24/24 [00:06<00:00, 3.57it/s]

Epoch 8 Macro-Averaged F1: 0.8131087315600615

Validation Macro-Averaged F1: 0.8372711625723674

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Dropout probability: 0.15

Epochs: 8

Learning rate: 0.0001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 1 Macro-Averaged F1: 0.348975188781014

100%|████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 2 Macro-Averaged F1: 0.521432324900533

100%|████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.6011137529720936

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 4 Macro-Averaged F1: 0.6611111111111112



100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 5 Macro-Averaged F1: 0.6882838476346032

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 6 Macro-Averaged F1: 0.7113828448120841

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 7 Macro-Averaged F1: 0.7253260182685126

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 8 Macro-Averaged F1: 0.7347247926030196

Validation Macro-Averaged F1: 0.8117647058823529

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Dropout probability: 0.15

Epochs: 8

Learning rate: 0.0001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 1 Macro-Averaged F1: 0.25637030482565815

100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 2 Macro-Averaged F1: 0.5641247625231465

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 3 Macro-Averaged F1: 0.6642594469807397

100%|██████████████████| 94/94 [00:06<00:00, 13.63it/s]

Epoch 4 Macro-Averaged F1: 0.7224836723403338

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 5 Macro-Averaged F1: 0.7533882312575055

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 6 Macro-Averaged F1: 0.750609620926624

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 7 Macro-Averaged F1: 0.7454429828008775

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 8 Macro-Averaged F1: 0.7775975533944509

Validation Macro-Averaged F1: 0.8372711625723674

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Dropout probability: 0.15

Epochs: 8

Learning rate: 0.0001

Batch size: 16

100%|██████████| 24/24 [00:06<00:00, 3.63it/s]

Epoch 1 Macro-Averaged F1: 0.23426293224345876

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 2 Macro-Averaged F1: 0.34668989547038326

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 3 Macro-Averaged F1: 0.4093597034773505

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 4 Macro-Averaged F1: 0.5169071683627152

100%|██████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.592998768871898

100%|██████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.6784633011859866

100%|██████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 7 Macro-Averaged F1: 0.6933136857616503

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.6920821114369502

Validation Macro-Averaged F1: 0.8

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Dropout probability: 0.15

Epochs: 8

Learning rate: 0.0005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.3853818262170931

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.7077922077922079

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 3 Macro-Averaged F1: 0.7434728081176605

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7319437296277234

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 5 Macro-Averaged F1: 0.7887323943661972

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 6 Macro-Averaged F1: 0.7726867534319843

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 7 Macro-Averaged F1: 0.7855549837021788

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 8 Macro-Averaged F1: 0.8022602895906967

Validation Macro-Averaged F1: 0.849906191369606

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.0005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 1 Macro-Averaged F1: 0.40442560852117165

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 2 Macro-Averaged F1: 0.7329616975364144

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 3 Macro-Averaged F1: 0.7434728081176605

100%|██████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 4 Macro-Averaged F1: 0.7890393009990814

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 5 Macro-Averaged F1: 0.7833838473881263

100%|████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 6 Macro-Averaged F1: 0.7941924861547673

100%|████████████████| 94/94 [00:06<00:00, 13.62it/s]

Epoch 7 Macro-Averaged F1: 0.7884668937300516

100%|████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 8 Macro-Averaged F1: 0.7940809413442682

Validation Macro-Averaged F1: 0.8491514770584537

-----

Dropout probability: 0.15

Epochs: 8

Learning rate: 0.0005

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.5289539991526746

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.6377766069546891

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.7018287834614365

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 4 Macro-Averaged F1: 0.737304855035169

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.759093764275925

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.7540352478183996

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 7 Macro-Averaged F1: 0.7835011867342356

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.7859955487074131

Validation Macro-Averaged F1: 0.8110533774208786

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.002

Batch size: 8

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 1 Macro-Averaged F1: 0.422496812788075

100%|██████████████████| 47/47 [00:06<00:00, 7.32it/s]

Epoch 2 Macro-Averaged F1: 0.729156685092355

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 3 Macro-Averaged F1: 0.7752953261427837

100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]

Epoch 4 Macro-Averaged F1: 0.7618469969530688

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 5 Macro-Averaged F1: 0.7889491269439834

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 6 Macro-Averaged F1: 0.7884668937300516

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 7 Macro-Averaged F1: 0.7805076518958429

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 8 Macro-Averaged F1: 0.7961140044640302

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 9 Macro-Averaged F1: 0.8046610199727418

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 10 Macro-Averaged F1: 0.7832540084629052

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 11 Macro-Averaged F1: 0.81536452572766

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 12 Macro-Averaged F1: 0.8128529059487823

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 13 Macro-Averaged F1: 0.8290598290598291

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 14 Macro-Averaged F1: 0.8235470256088517

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 15 Macro-Averaged F1: 0.8369576838368935

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 16 Macro-Averaged F1: 0.8315207701907648

Validation Macro-Averaged F1: 0.8619607843137255

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.002

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 1 Macro-Averaged F1: 0.6590909090909091

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 2 Macro-Averaged F1: 0.74334112815833

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 3 Macro-Averaged F1: 0.7529785771566044

100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]

Epoch 4 Macro-Averaged F1: 0.7509800141379089

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 5 Macro-Averaged F1: 0.7909161091096243

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 6 Macro-Averaged F1: 0.8128529059487823

100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 7 Macro-Averaged F1: 0.7833838473881263

100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 8 Macro-Averaged F1: 0.7940809413442682

100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 9 Macro-Averaged F1: 0.8043930288890954

100%|████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 10 Macro-Averaged F1: 0.8043930288890954

100%|████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 11 Macro-Averaged F1: 0.801308855539008

100%|████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 12 Macro-Averaged F1: 0.8336719510101299

100%|████████████████| 94/94 [00:06<00:00, 13.52it/s]

Epoch 13 Macro-Averaged F1: 0.8314197843600374

100%|████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 14 Macro-Averaged F1: 0.8127461051189865

100%|████████████████| 94/94 [00:07<00:00, 13.43it/s]

Epoch 15 Macro-Averaged F1: 0.836285560923242

100%|████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 16 Macro-Averaged F1: 0.8717364040588302

Validation Macro-Averaged F1: 0.8122359568142701

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.002

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 1 Macro-Averaged F1: 0.43291809115764046

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.74802710585006

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.7508020778998064

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7618469969530688

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 5 Macro-Averaged F1: 0.7535714285714286

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 6 Macro-Averaged F1: 0.7990339337901664

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 7 Macro-Averaged F1: 0.7941924861547673

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 8 Macro-Averaged F1: 0.8072750114207401

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 9 Macro-Averaged F1: 0.7910714285714285

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 10 Macro-Averaged F1: 0.8340423709456373

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 11 Macro-Averaged F1: 0.8182932390833427

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 12 Macro-Averaged F1: 0.8127461051189865

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 13 Macro-Averaged F1: 0.7985329617982679

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 14 Macro-Averaged F1: 0.8420195788616841

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 15 Macro-Averaged F1: 0.8423797277176586

100%|████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 16 Macro-Averaged F1: 0.8472657896805265

Validation Macro-Averaged F1: 0.8874824191279889

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.001

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.36it/s]

Epoch 1 Macro-Averaged F1: 0.5919535733843494



100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]  
Epoch 2 Macro-Averaged F1: 0.7151272789817681  
100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 3 Macro-Averaged F1: 0.7379940683282953  
100%|██████████████████| 47/47 [00:06<00:00, 7.33it/s]  
Epoch 4 Macro-Averaged F1: 0.7913456599897277  
100%|██████████████████| 47/47 [00:06<00:00, 7.31it/s]  
Epoch 5 Macro-Averaged F1: 0.7639214788530877  
100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]  
Epoch 6 Macro-Averaged F1: 0.7754234871385387  
100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]  
Epoch 7 Macro-Averaged F1: 0.7774257907194599  
100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]  
Epoch 8 Macro-Averaged F1: 0.7939575142178235  
100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]  
Epoch 9 Macro-Averaged F1: 0.8071428571428572  
100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]  
Epoch 10 Macro-Averaged F1: 0.8207162786051192  
100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]  
Epoch 11 Macro-Averaged F1: 0.8096051944708632  
100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]  
Epoch 12 Macro-Averaged F1: 0.8155750849958305  
100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]  
Epoch 13 Macro-Averaged F1: 0.8175756882046585  
100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]  
Epoch 14 Macro-Averaged F1: 0.796811726458678  
100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]  
Epoch 15 Macro-Averaged F1: 0.8395882050989563  
100%|██████████████████| 47/47 [00:06<00:00, 7.25it/s]  
Epoch 16 Macro-Averaged F1: 0.8235470256088517

Validation Macro-Averaged F1: 0.899749373433584

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.001

Batch size: 4

100%|██████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 1 Macro-Averaged F1: 0.644906743185079

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 2 Macro-Averaged F1: 0.7533882312575055

100%|██████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 3 Macro-Averaged F1: 0.7456247456247456

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 4 Macro-Averaged F1: 0.777902255585446

100%|██████████| 94/94 [00:06<00:00, 13.45it/s]

Epoch 5 Macro-Averaged F1: 0.7542735042735043

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 6 Macro-Averaged F1: 0.7938221622432149

100%|██████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 7 Macro-Averaged F1: 0.7970894799794953

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 8 Macro-Averaged F1: 0.7862273400980504

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 9 Macro-Averaged F1: 0.8071428571428572

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 10 Macro-Averaged F1: 0.7936748386912376

100%|██████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 11 Macro-Averaged F1: 0.8156644273308209

100%|██████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 12 Macro-Averaged F1: 0.8208236762346229

100%|████████████████| 94/94 [00:06<00:00, 13.51it/s]

Epoch 13 Macro-Averaged F1: 0.8073959938366718

100%|████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 14 Macro-Averaged F1: 0.8475664111249777

100%|████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 15 Macro-Averaged F1: 0.8256948963465651

100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 16 Macro-Averaged F1: 0.8340423709456373

Validation Macro-Averaged F1: 0.784776072163317

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.001

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.36511462771353215

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 2 Macro-Averaged F1: 0.6728291356920881

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7227784596171651

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 4 Macro-Averaged F1: 0.7647293674784692

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 5 Macro-Averaged F1: 0.7645951035781545

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 6 Macro-Averaged F1: 0.7726867534319843

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 7 Macro-Averaged F1: 0.7965680676107811

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.7966957712720424

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 9 Macro-Averaged F1: 0.8045326992695412

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 10 Macro-Averaged F1: 0.7936748386912376

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 11 Macro-Averaged F1: 0.8022602895906967

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 12 Macro-Averaged F1: 0.7808830236005015

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 13 Macro-Averaged F1: 0.8127461051189865

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 14 Macro-Averaged F1: 0.8100127728502008

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 15 Macro-Averaged F1: 0.8022602895906967

100%|████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 16 Macro-Averaged F1: 0.818096216401301

Validation Macro-Averaged F1: 0.849906191369606

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.005

Batch size: 8

100%|████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 1 Macro-Averaged F1: 0.6563180203917975

100%|████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 2 Macro-Averaged F1: 0.7398831530094894

100%|████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.7295589400852558

100%|████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 4 Macro-Averaged F1: 0.7857142857142858

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 5 Macro-Averaged F1: 0.7888468364445015

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 6 Macro-Averaged F1: 0.809447128287708

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 7 Macro-Averaged F1: 0.7862273400980504

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 8 Macro-Averaged F1: 0.8233354271356784

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 9 Macro-Averaged F1: 0.8017857142857142

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 10 Macro-Averaged F1: 0.8177217361468518

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 11 Macro-Averaged F1: 0.802045882554357

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 12 Macro-Averaged F1: 0.8068448463343443

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 13 Macro-Averaged F1: 0.7962772345170699

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 14 Macro-Averaged F1: 0.8341465502482451

100%|██████████████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 15 Macro-Averaged F1: 0.771670690038037

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 16 Macro-Averaged F1: 0.8072750114207401

Validation Macro-Averaged F1: 0.8624785122675418

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 1 Macro-Averaged F1: 0.4341931985436516  
100%|██████████████████| 94/94 [00:06<00:00, 13.46it/s]  
Epoch 2 Macro-Averaged F1: 0.7533882312575055  
100%|██████████████████| 94/94 [00:06<00:00, 13.47it/s]  
Epoch 3 Macro-Averaged F1: 0.7829566484933798  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 4 Macro-Averaged F1: 0.7959388246076298  
100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]  
Epoch 5 Macro-Averaged F1: 0.780017741658559  
100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]  
Epoch 6 Macro-Averaged F1: 0.7665056360708535  
100%|██████████████████| 94/94 [00:06<00:00, 13.48it/s]  
Epoch 7 Macro-Averaged F1: 0.7639214788530877  
100%|██████████████████| 94/94 [00:06<00:00, 13.46it/s]  
Epoch 8 Macro-Averaged F1: 0.8204703141858819  
100%|██████████████████| 94/94 [00:06<00:00, 13.49it/s]  
Epoch 9 Macro-Averaged F1: 0.8075058461187474  
100%|██████████████████| 94/94 [00:06<00:00, 13.51it/s]  
Epoch 10 Macro-Averaged F1: 0.8178571428571428  
100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]  
Epoch 11 Macro-Averaged F1: 0.8311885043837398  
100%|██████████████████| 94/94 [00:06<00:00, 13.47it/s]  
Epoch 12 Macro-Averaged F1: 0.8258294092848109  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 13 Macro-Averaged F1: 0.8285714285714286  
100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]  
Epoch 14 Macro-Averaged F1: 0.8048837855752988  
100%|██████████████████| 94/94 [00:06<00:00, 13.52it/s]  
Epoch 15 Macro-Averaged F1: 0.81536452572766

100%|████████████████| 94/94 [00:06<00:00, 13.49it/s]

Epoch 16 Macro-Averaged F1: 0.8155750849958305

Validation Macro-Averaged F1: 0.849624060150376

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.005

Batch size: 16

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 1 Macro-Averaged F1: 0.4402521145243637

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 2 Macro-Averaged F1: 0.7572228427515455

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 3 Macro-Averaged F1: 0.7459440185416295

100%|████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 4 Macro-Averaged F1: 0.7637186390193608

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 5 Macro-Averaged F1: 0.7912145957058018

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 6 Macro-Averaged F1: 0.7699452148604691

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 7 Macro-Averaged F1: 0.782608695652174

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 8 Macro-Averaged F1: 0.8260680314825783

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 9 Macro-Averaged F1: 0.8073959938366718

100%|████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 10 Macro-Averaged F1: 0.7890393009990814

100%|████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 11 Macro-Averaged F1: 0.8042419605122961

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 12 Macro-Averaged F1: 0.8555469953775039

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 13 Macro-Averaged F1: 0.8069994853319609

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 14 Macro-Averaged F1: 0.8421232901149558

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 15 Macro-Averaged F1: 0.8422178641469067

100%|██████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 16 Macro-Averaged F1: 0.8340423709456373

Validation Macro-Averaged F1: 0.849906191369606

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.0001

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 1 Macro-Averaged F1: 0.34087487991770105

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 2 Macro-Averaged F1: 0.4933635745809759

100%|██████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 3 Macro-Averaged F1: 0.5279268535082489

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 4 Macro-Averaged F1: 0.6033425005288766

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 5 Macro-Averaged F1: 0.6908673379261614

100%|██████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 6 Macro-Averaged F1: 0.7165697674418605

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 7 Macro-Averaged F1: 0.7199402539208364



100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 8 Macro-Averaged F1: 0.7272452308423532

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 9 Macro-Averaged F1: 0.7611379495437466

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 10 Macro-Averaged F1: 0.7431946584488958

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 11 Macro-Averaged F1: 0.730290751910218

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 12 Macro-Averaged F1: 0.7459440185416295

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 13 Macro-Averaged F1: 0.7726867534319843

100%|██████████████████| 47/47 [00:06<00:00, 7.26it/s]

Epoch 14 Macro-Averaged F1: 0.7649572649572649

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 15 Macro-Averaged F1: 0.7675768866345133

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 16 Macro-Averaged F1: 0.773172033446006

Validation Macro-Averaged F1: 0.8117647058823529

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.0001

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.54it/s]

Epoch 1 Macro-Averaged F1: 0.23379226670886744

100%|██████████████████| 94/94 [00:06<00:00, 13.50it/s]

Epoch 2 Macro-Averaged F1: 0.45618811220540745

100%|██████████████████| 94/94 [00:06<00:00, 13.47it/s]

Epoch 3 Macro-Averaged F1: 0.6055729984301413

100%|████████████████| 94/94 [00:06<00:00, 13.50it/s]  
Epoch 4 Macro-Averaged F1: 0.6944444444444444  
100%|████████████████| 94/94 [00:06<00:00, 13.46it/s]  
Epoch 5 Macro-Averaged F1: 0.6942697414395529  
100%|████████████████| 94/94 [00:06<00:00, 13.51it/s]  
Epoch 6 Macro-Averaged F1: 0.7309899569583931  
100%|████████████████| 94/94 [00:06<00:00, 13.53it/s]  
Epoch 7 Macro-Averaged F1: 0.7230567366224752  
100%|████████████████| 94/94 [00:06<00:00, 13.56it/s]  
Epoch 8 Macro-Averaged F1: 0.7398831530094894  
100%|████████████████| 94/94 [00:06<00:00, 13.53it/s]  
Epoch 9 Macro-Averaged F1: 0.7592449922958397  
100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]  
Epoch 10 Macro-Averaged F1: 0.7596153846153848  
100%|████████████████| 94/94 [00:06<00:00, 13.53it/s]  
Epoch 11 Macro-Averaged F1: 0.7613360888437583  
100%|████████████████| 94/94 [00:06<00:00, 13.55it/s]  
Epoch 12 Macro-Averaged F1: 0.7675768866345133  
100%|████████████████| 94/94 [00:06<00:00, 13.61it/s]  
Epoch 13 Macro-Averaged F1: 0.7756410256410257  
100%|████████████████| 94/94 [00:06<00:00, 13.60it/s]  
Epoch 14 Macro-Averaged F1: 0.7916666666666665  
100%|████████████████| 94/94 [00:06<00:00, 13.58it/s]  
Epoch 15 Macro-Averaged F1: 0.7861176067986084  
100%|████████████████| 94/94 [00:06<00:00, 13.64it/s]  
Epoch 16 Macro-Averaged F1: 0.7991774307563781  
Validation Macro-Averaged F1: 0.8372711625723674

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.0001

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]

Epoch 1 Macro-Averaged F1: 0.2701351687152904

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.35177182368193605

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 3 Macro-Averaged F1: 0.34554973821989526

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 4 Macro-Averaged F1: 0.44580093812247

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 5 Macro-Averaged F1: 0.5843239943451998

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 6 Macro-Averaged F1: 0.6833333333333333

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 7 Macro-Averaged F1: 0.6972485071532997

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 8 Macro-Averaged F1: 0.724709235375403

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 9 Macro-Averaged F1: 0.7405891508618203

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 10 Macro-Averaged F1: 0.7473770209838322

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 11 Macro-Averaged F1: 0.7420020639834881

100%|██████████████████| 24/24 [00:06<00:00, 3.58it/s]

Epoch 12 Macro-Averaged F1: 0.7592449922958397

100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]

Epoch 13 Macro-Averaged F1: 0.758749356664951

100%|██████████████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 14 Macro-Averaged F1: 0.754161441112758

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 15 Macro-Averaged F1: 0.7592449922958397

100%|██████████| 24/24 [00:06<00:00, 3.59it/s]

Epoch 16 Macro-Averaged F1: 0.7592449922958397

Validation Macro-Averaged F1: 0.81223595681427

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.0005

Batch size: 8

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 1 Macro-Averaged F1: 0.3956911548240332

100%|██████████| 47/47 [00:06<00:00, 7.25it/s]

Epoch 2 Macro-Averaged F1: 0.689803992087754

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 3 Macro-Averaged F1: 0.7512925655197005

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 4 Macro-Averaged F1: 0.7728098873137041

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 5 Macro-Averaged F1: 0.772238458295522

100%|██████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 6 Macro-Averaged F1: 0.7774257907194599

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 7 Macro-Averaged F1: 0.7833838473881263

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 8 Macro-Averaged F1: 0.7806454374250984

100%|██████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 9 Macro-Averaged F1: 0.7910714285714285

100%|██████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 10 Macro-Averaged F1: 0.8075058461187474

100%|██████████████████| 47/47 [00:06<00:00, 7.28it/s]

Epoch 11 Macro-Averaged F1: 0.7861176067986084

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 12 Macro-Averaged F1: 0.7781555370239699

100%|██████████████████| 47/47 [00:06<00:00, 7.27it/s]

Epoch 13 Macro-Averaged F1: 0.809447128287708

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 14 Macro-Averaged F1: 0.8019215395157606

100%|██████████████████| 47/47 [00:06<00:00, 7.29it/s]

Epoch 15 Macro-Averaged F1: 0.8069994853319609

100%|██████████████████| 47/47 [00:06<00:00, 7.30it/s]

Epoch 16 Macro-Averaged F1: 0.8127461051189865

Validation Macro-Averaged F1: 0.8500000000000001

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.0005

Batch size: 4

100%|██████████████████| 94/94 [00:06<00:00, 13.65it/s]

Epoch 1 Macro-Averaged F1: 0.6615743381296523

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 2 Macro-Averaged F1: 0.7338118148118937

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 3 Macro-Averaged F1: 0.7644472361809045

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 4 Macro-Averaged F1: 0.7702991452991452

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 5 Macro-Averaged F1: 0.7879763821792807

100%|██████████████████| 94/94 [00:06<00:00, 13.57it/s]

Epoch 6 Macro-Averaged F1: 0.7806454374250984

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 7 Macro-Averaged F1: 0.8017857142857142

100%|██████████████████| 94/94 [00:06<00:00, 13.53it/s]

Epoch 8 Macro-Averaged F1: 0.7886057613403643

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 9 Macro-Averaged F1: 0.8259537733221943

100%|██████████████████| 94/94 [00:06<00:00, 13.55it/s]

Epoch 10 Macro-Averaged F1: 0.7916666666666665

100%|██████████████████| 94/94 [00:06<00:00, 13.58it/s]

Epoch 11 Macro-Averaged F1: 0.8072750114207401

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 12 Macro-Averaged F1: 0.8177217361468518

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 13 Macro-Averaged F1: 0.8232142857142857

100%|██████████████████| 94/94 [00:06<00:00, 13.60it/s]

Epoch 14 Macro-Averaged F1: 0.8123606107394064

100%|██████████████████| 94/94 [00:06<00:00, 13.56it/s]

Epoch 15 Macro-Averaged F1: 0.8261722232126938

100%|██████████████████| 94/94 [00:06<00:00, 13.59it/s]

Epoch 16 Macro-Averaged F1: 0.8448467728128746

Validation Macro-Averaged F1: 0.8624785122675418

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Dropout probability: 0.15

Epochs: 16

Learning rate: 0.0005

Batch size: 16

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 1 Macro-Averaged F1: 0.3354304814691873

100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]

Epoch 2 Macro-Averaged F1: 0.6246641732076068

100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 3 Macro-Averaged F1: 0.6803115246792277  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 4 Macro-Averaged F1: 0.7240066024051619  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 5 Macro-Averaged F1: 0.7457917383206913  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 6 Macro-Averaged F1: 0.7613360888437583  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 7 Macro-Averaged F1: 0.7430333485609868  
100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]  
Epoch 8 Macro-Averaged F1: 0.7835011867342356  
100%|██████████████████| 24/24 [00:06<00:00, 3.62it/s]  
Epoch 9 Macro-Averaged F1: 0.7622338265571458  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 10 Macro-Averaged F1: 0.7752953261427837  
100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]  
Epoch 11 Macro-Averaged F1: 0.7699452148604691  
100%|██████████████████| 24/24 [00:06<00:00, 3.60it/s]  
Epoch 12 Macro-Averaged F1: 0.7754234871385387  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 13 Macro-Averaged F1: 0.7855549837021788  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 14 Macro-Averaged F1: 0.7862273400980504  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 15 Macro-Averaged F1: 0.7939575142178235  
100%|██████████████████| 24/24 [00:06<00:00, 3.61it/s]  
Epoch 16 Macro-Averaged F1: 0.7888468364445015  
Validation Macro-Averaged F1: 0.8368627450980393

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Best f1: 0.9

Best dropout: 0.25

Best num epochs: 16

Best learning rate: 0.005

Best batch size: 8

	precision	recall	f1-score	support	
	0.0	0.90	0.78	0.83	45
	1.0	0.76	0.89	0.82	36
accuracy				0.83	81
macro avg		0.83	0.83	0.83	81
weighted avg		0.84	0.83	0.83	81

```
[[35 10]
 [ 4 32]]
```