Loaded 7243 frequency domain epochs.

Epoch 1: Loss 0.6742

Epoch 2: Loss 0.3966

Epoch 3: Loss 0.3240

Epoch 4: Loss 0.2669

Epoch 5: Loss 0.2367

Epoch 6: Loss 0.2152

Epoch 7: Loss 0.2000

Epoch 8: Loss 0.1724

Epoch 9: Loss 0.1666

Epoch 10: Loss 0.1540

Epoch 11: Loss 0.1520

Epoch 12: Loss 0.1436

Epoch 13: Loss 0.1536

Epoch 14: Loss 0.1198

Epoch 15: Loss 0.1208

Epoch 16: Loss 0.1109

Epoch 17: Loss 0.1063

Epoch 18: Loss 0.1306

Epoch 19: Loss 0.1150

Epoch 20: Loss 0.0919

EEGNet Results:

precision recall f1-score support

0 0.54 1.00 0.70 757

1 1.00 0.05 0.10 692

accuracy 0.55 1449

macro avg 0.77 0.53 0.40 1449

weighted avg 0.76 0.55 0.41 1449

Epoch 1: Loss 0.6691

Epoch 2: Loss 0.3920

Epoch 3: Loss 0.2921

Epoch 4: Loss 0.2372

Epoch 5: Loss 0.2025

Epoch 6: Loss 0.1799

Epoch 7: Loss 0.1607

Epoch 8: Loss 0.1416

Epoch 9: Loss 0.1286

Epoch 10: Loss 0.1213

Epoch 11: Loss 0.1184

Epoch 12: Loss 0.1042

Epoch 13: Loss 0.0913

Epoch 14: Loss 0.0863

Epoch 15: Loss 0.0832

Epoch 16: Loss 0.0840

Epoch 17: Loss 0.0803

Epoch 18: Loss 0.0739

Epoch 19: Loss 0.0700

Epoch 20: Loss 0.0784

LMDA Results:

precision recall f1-score support

0 0.99 1.00 0.99 757

1 1.00 0.99 0.99 692

accuracy 0.99 1449

macro avg 0.99 0.99 0.99 1449

weighted avg 0.99 0.99 0.99 1449

[C:\Users\sansk\miniconda3\Lib\site-packages\torch\_geometric\deprecation.py:26](file:///C:\Users\sansk\miniconda3\Lib\site-packages\torch_geometric\deprecation.py#line=25): UserWarning: 'data.DataLoader' is deprecated, use 'loader.DataLoader' instead

warnings.warn(out)

Epoch 1: Loss 10.9467

Epoch 2: Loss 2.6490

Epoch 3: Loss 2.3692

Epoch 4: Loss 1.5973

Epoch 5: Loss 1.0574

Epoch 6: Loss 1.1274

Epoch 7: Loss 0.7414

Epoch 8: Loss 0.7194

Epoch 9: Loss 0.7022

Epoch 10: Loss 0.8043

Epoch 11: Loss 0.7066

Epoch 12: Loss 0.6725

Epoch 13: Loss 0.6648

Epoch 14: Loss 0.6589

Epoch 15: Loss 0.6592

Epoch 16: Loss 0.6676

Epoch 17: Loss 0.6617

Epoch 18: Loss 0.6573

Epoch 19: Loss 0.6575

Epoch 20: Loss 0.6601

GCN Results:

precision recall f1-score support

0 0.55 0.96 0.70 757

1 0.75 0.13 0.23 692

accuracy 0.57 1449

macro avg 0.65 0.55 0.46 1449

weighted avg 0.65 0.57 0.47 1449