

Clip-Based Multi-Class Phase Recognition

VGG16	96.7 (0.8)	96.8 (0.4)	96.7 (1.1)	96.3 (0.4)	96.2 (0.9)	94.5 (0.6)
VGG19	96.7 (0.6)	97.0 (0.7)	96.8 (1.3)	96.5 (1.2)	96.4 (1.2)	95.1 (0.8)
ResNet50	97.0 (1.1)	97.5 (0.3)	97.4 (0.2)	97.5 (0.8)	97.8 (0.2)	96.4 (0.4)
ResNet152	97.7 (0.5)	98.1 (0.4)	98.0 (0.3)	97.9 (0.6)	98.1 (0.2)	97.4 (0.8)
InceptionV3	97.3 (0.4)	97.7 (0.3)	97.8 (0.6)	97.7 (0.5)	97.4 (0.4)	97.3 (0.2)
MobileNet	96.9 (0.7)	97.4 (0.6)	97.0 (0.8)	97.1 (0.7)	97.3 (0.6)	97.3 (0.5)
DenseNet121	97.6 (0.5)	98.0 (0.6)	97.8 (0.4)	97.7 (0.4)	97.6 (0.5)	97.2 (0.5)
DenseNet201	97.4 (0.5)	97.9 (0.4)	97.5 (0.4)	97.5 (0.4)	97.4 (0.4)	97.5 (0.7)
EfficientNetB0	95.6 (0.7)	96.1 (0.5)	96.0 (0.3)	96.2 (0.2)	95.6 (0.3)	96.3 (0.6)
EfficientNetB2	95.8 (0.8)	96.4 (0.7)	96.4 (0.6)	96.3 (0.5)	95.8 (0.7)	95.9 (0.7)
	LSTM	BiLSTM	GRU	BiGRU	Transformer	Mamba