

Models	Test Accuracy
VGG16 + MLP 1024 (single middle frame)	13.29
VGG16 + MLP 1024 (averaged over 48 frames)	17.57
VGG16 + LSTM 1024	31.69
ResNet152 + MLP 1024 (single middle frame)	13.62
ResNet152 + MLP 1024 (averaged over 48 frames)	16.79
ResNet152 + LSTM 1024 (48 steps)	28.82