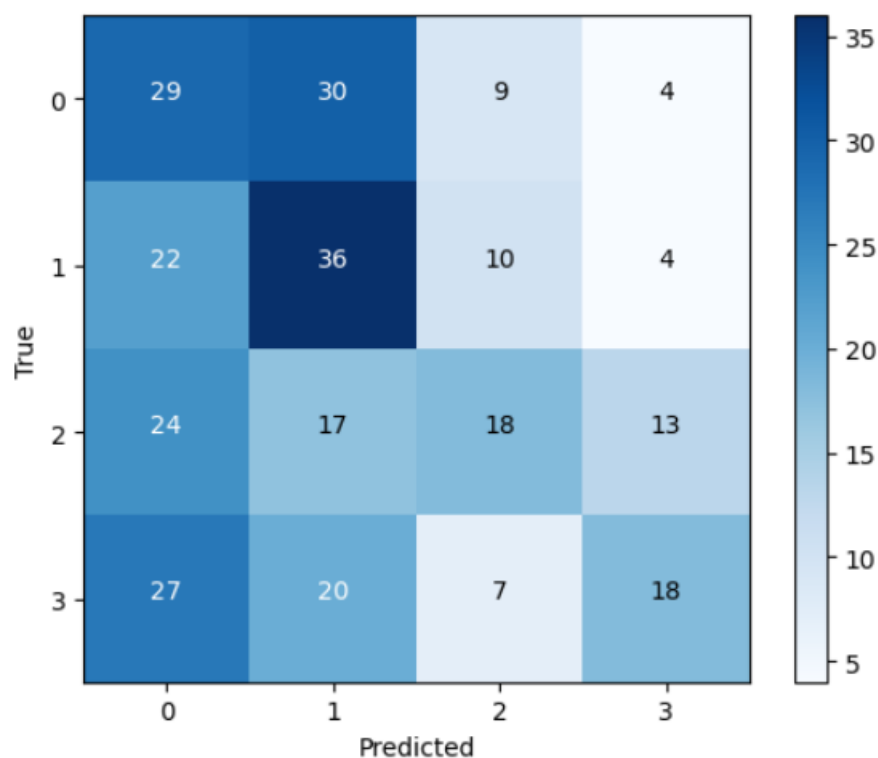
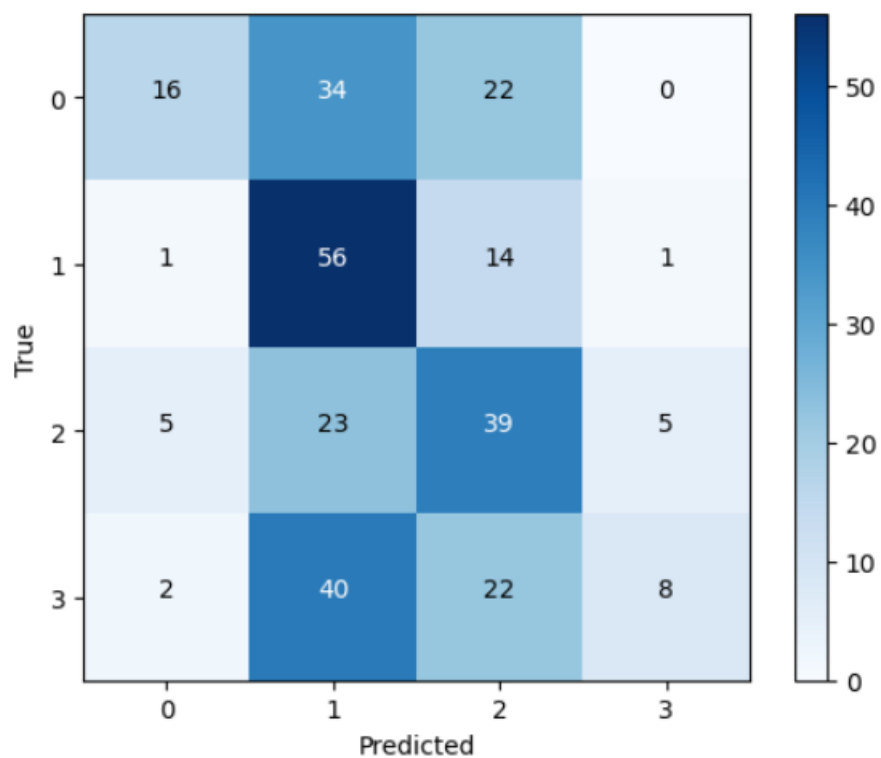


| Layer (type:depth-idx) | Output Shape | Param # |
|--|-------------------|---------|
| ShallowConvNet | [16, 4] | -- |
| Conv2d: 1-1 | [16, 40, 22, 552] | 480 |
| Conv2d: 1-2 | [16, 40, 1, 552] | 35,200 |
| BatchNorm2d: 1-3 | [16, 40, 1, 552] | 80 |
| AvgPool2d: 1-4 | [16, 40, 1, 74] | -- |
| Dropout: 1-5 | [16, 40, 1, 74] | -- |
| Linear: 1-6 | [16, 4] | 11,844 |
| Total params: 47,604 | | |
| Trainable params: 47,604 | | |
| Non-trainable params: 0 | | |
| Total mult-adds (M): 404.34 | | |
| Input size (MB): 0.79 | | |
| Forward/backward pass size (MB): 67.83 | | |
| Params size (MB): 0.19 | | |
| Estimated Total Size (MB): 68.81 | | |

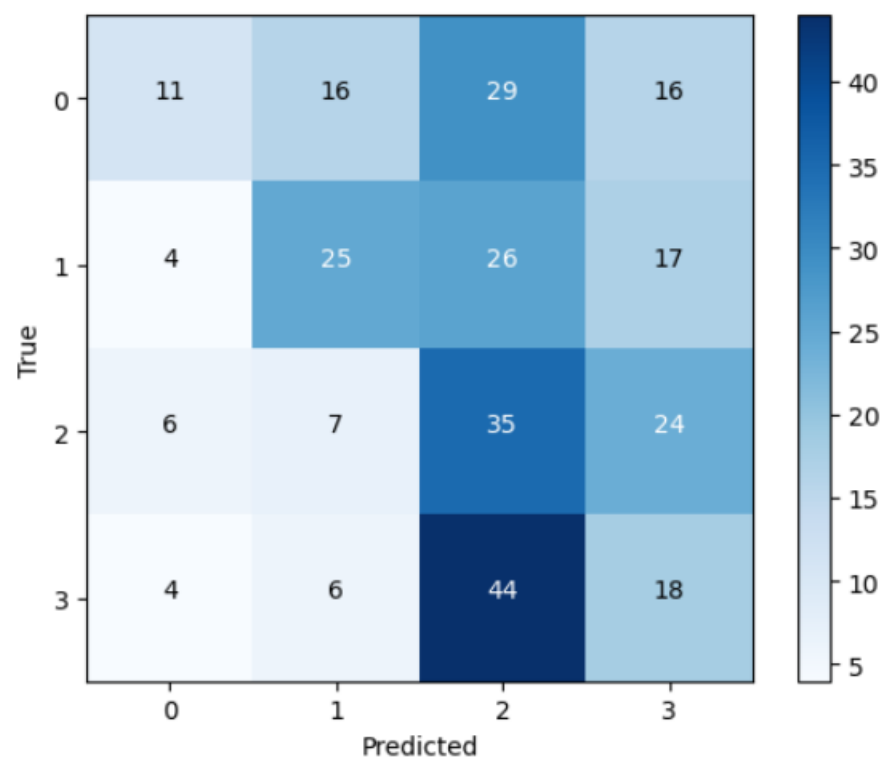
Accuracy on subject 2: 0.3507



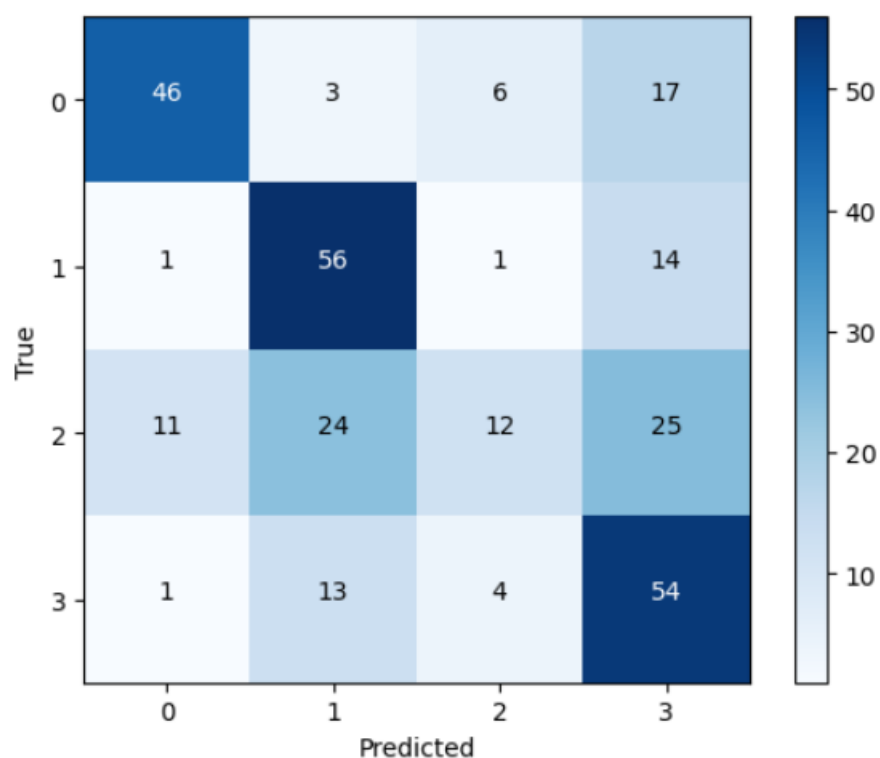
Accuracy on subject 4: 0.4132



Accuracy on subject 6: 0.309

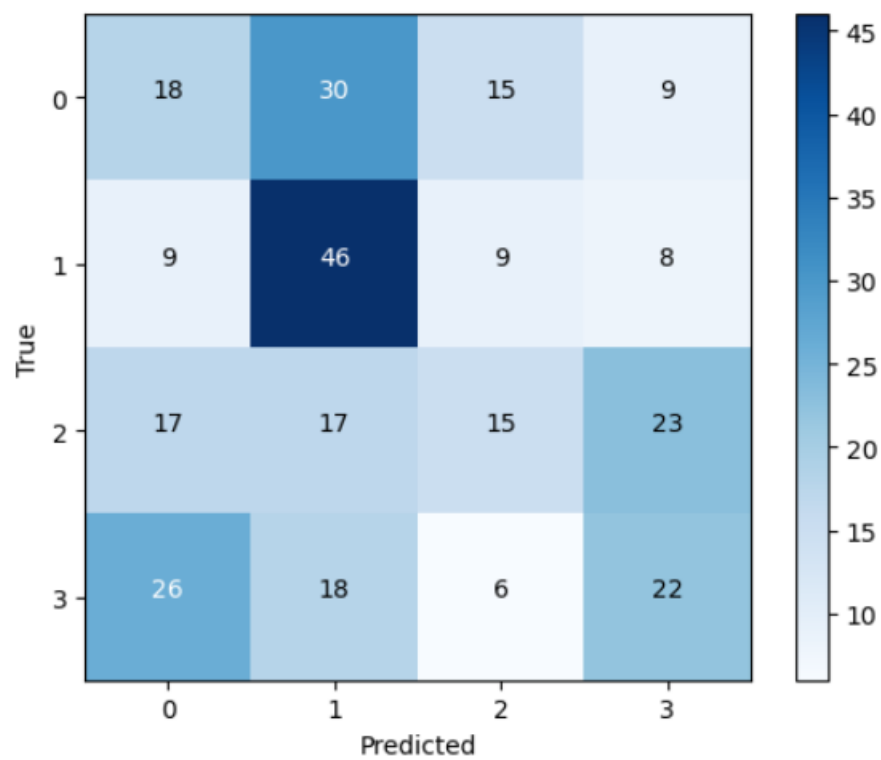


Accuracy on subject 8: 0.5833

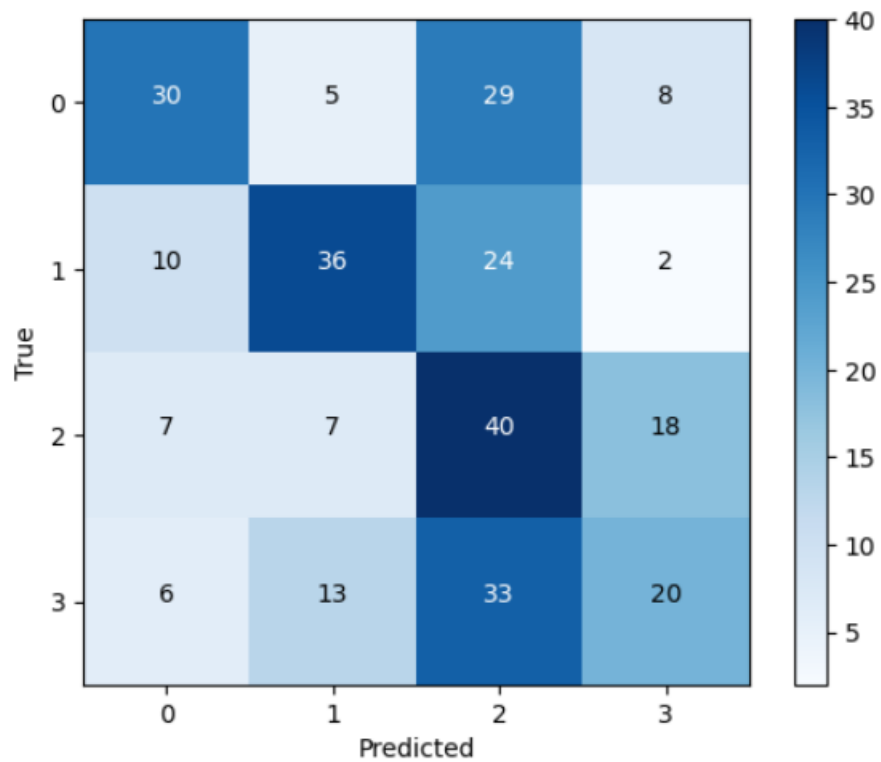


| Layer (type:depth-idx) | Output Shape | Param # |
|---------------------------------------|------------------|---------|
| SCCNet | [16, 4] | -- |
| Conv2d: 1-1 | [16, 22, 1, 563] | 484 |
| BatchNorm2d: 1-2 | [16, 1, 22, 563] | 2 |
| ReLU: 1-3 | [16, 1, 22, 563] | -- |
| Dropout: 1-4 | [16, 1, 22, 563] | -- |
| Conv2d: 1-5 | [16, 20, 1, 552] | 5,280 |
| BatchNorm2d: 1-6 | [16, 20, 1, 552] | 40 |
| ReLU: 1-7 | [16, 20, 1, 552] | -- |
| AvgPool2d: 1-8 | [16, 20, 1, 41] | -- |
| Dropout: 1-9 | [16, 20, 1, 41] | -- |
| Linear: 1-10 | [16, 4] | 3,284 |
| Total params: 9,090 | | |
| Trainable params: 9,090 | | |
| Non-trainable params: 0 | | |
| Total mult-adds (M): 51.05 | | |
| Input size (MB): 0.79 | | |
| Forward/backward pass size (MB): 6.00 | | |
| Params size (MB): 0.04 | | |
| Estimated Total Size (MB): 6.83 | | |

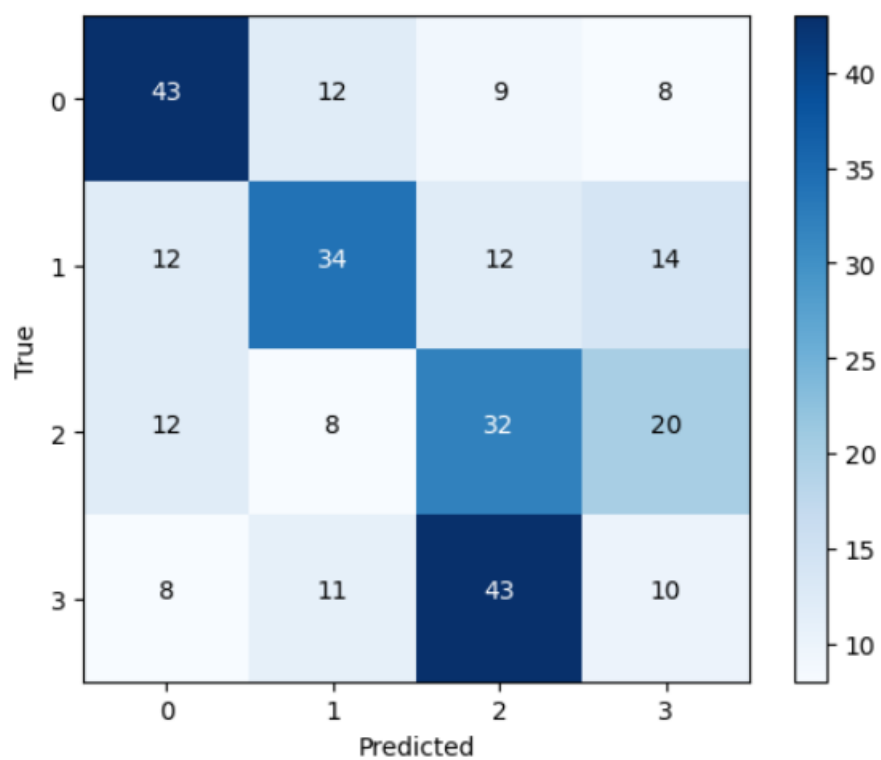
Accuracy on subject 2: 0.3507



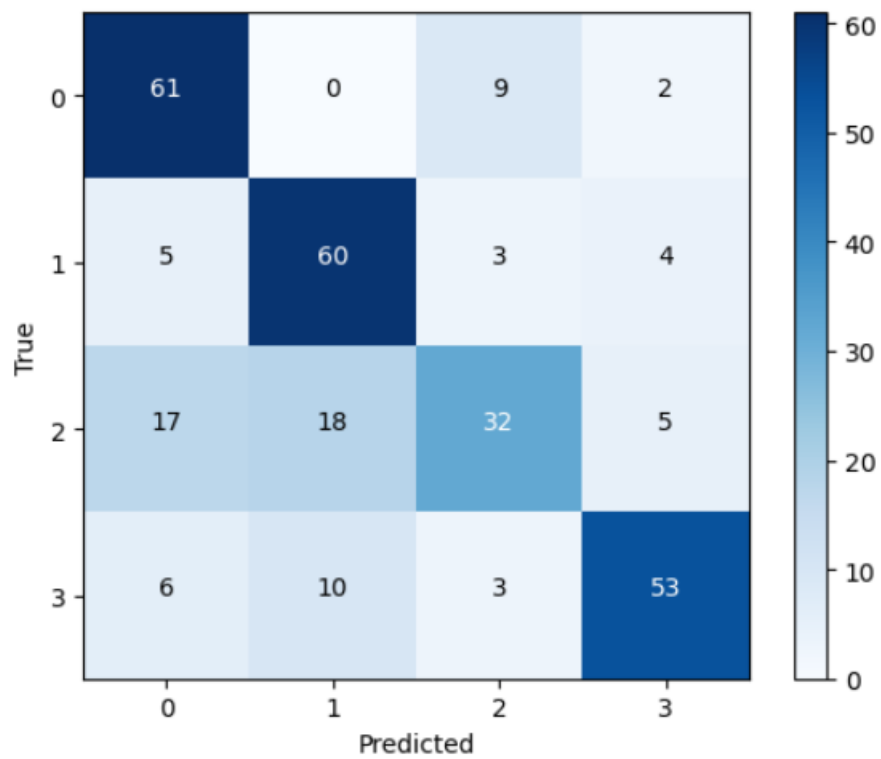
Accuracy on subject 4: 0.4375



Accuracy on subject 6: 0.4132



Accuracy on subject 8: 0.7153

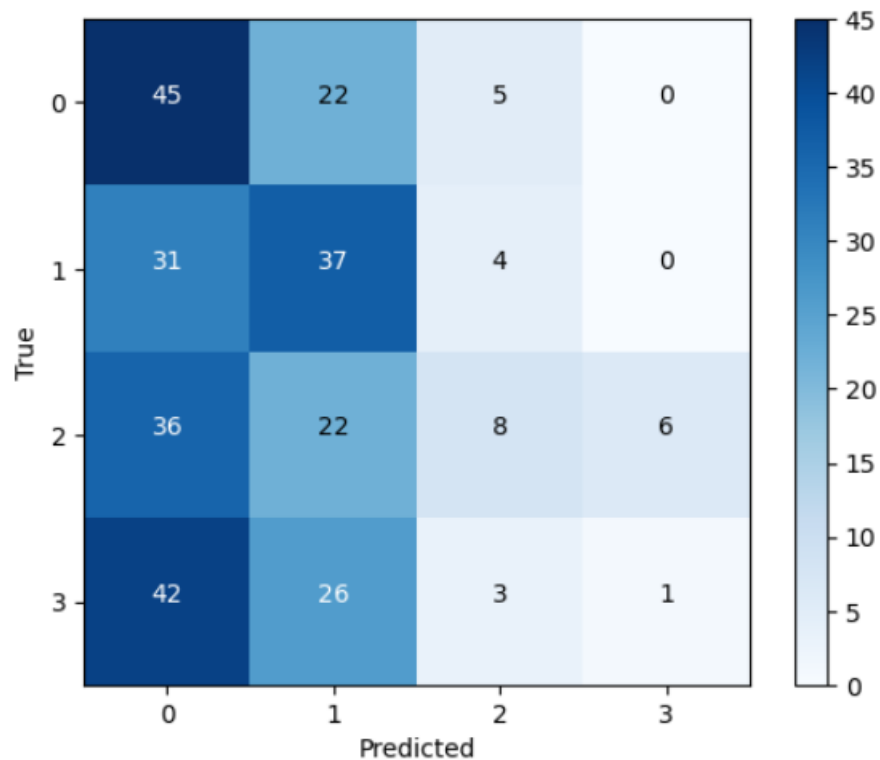


| Layer (type:depth-idx) | Output Shape | Param # |
|------------------------|------------------|---------|
| EEGNet | [16, 4] | -- |
| └Sequential: 1-1 | [16, 8, 22, 500] | -- |
| └Conv2d: 2-1 | [16, 8, 22, 500] | 512 |
| └BatchNorm2d: 2-2 | [16, 8, 22, 500] | 16 |
| └Sequential: 1-2 | [16, 16, 1, 125] | -- |
| └Conv2d: 2-3 | [16, 16, 1, 500] | 352 |
| └BatchNorm2d: 2-4 | [16, 16, 1, 500] | 32 |
| └ELU: 2-5 | [16, 16, 1, 500] | -- |
| └AvgPool2d: 2-6 | [16, 16, 1, 125] | -- |
| └Dropout: 2-7 | [16, 16, 1, 125] | -- |
| └Sequential: 1-3 | [16, 16, 1, 15] | -- |
| └Conv2d: 2-8 | [16, 16, 1, 126] | 256 |
| └Conv2d: 2-9 | [16, 16, 1, 126] | 256 |
| └BatchNorm2d: 2-10 | [16, 16, 1, 126] | 32 |
| └ELU: 2-11 | [16, 16, 1, 126] | -- |
| └AvgPool2d: 2-12 | [16, 16, 1, 15] | -- |
| └Dropout: 2-13 | [16, 16, 1, 15] | -- |
| └Linear: 1-4 | [16, 4] | 964 |

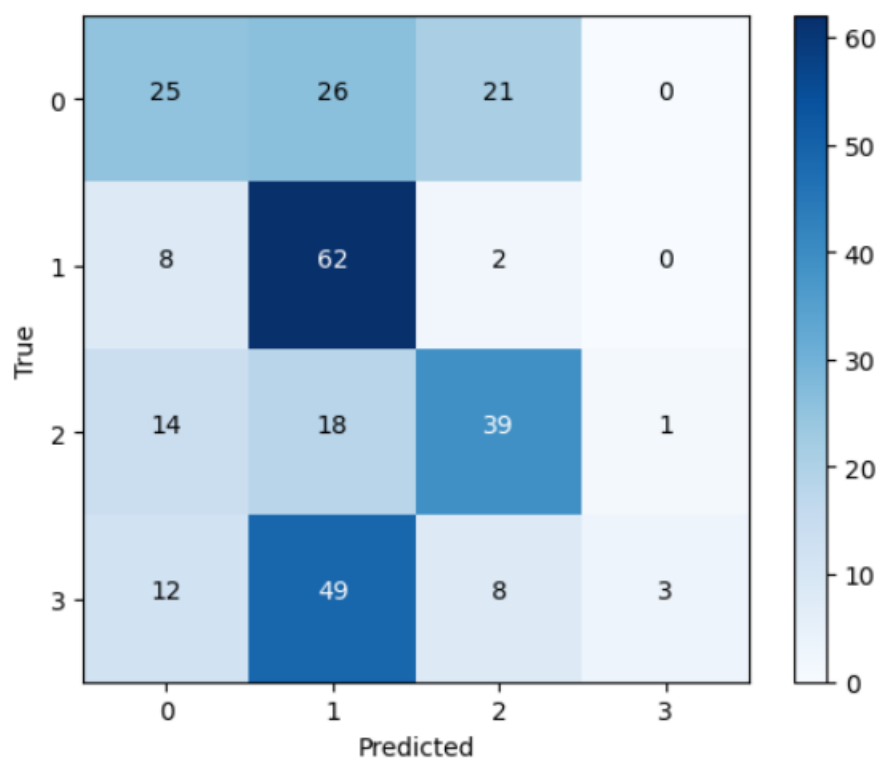
Total params: 2,420
 Trainable params: 2,420
 Non-trainable params: 0
 Total mult-adds (M): 93.98

Input size (MB): 0.79
 Forward/backward pass size (MB): 25.35
 Params size (MB): 0.01
 Estimated Total Size (MB): 26.15

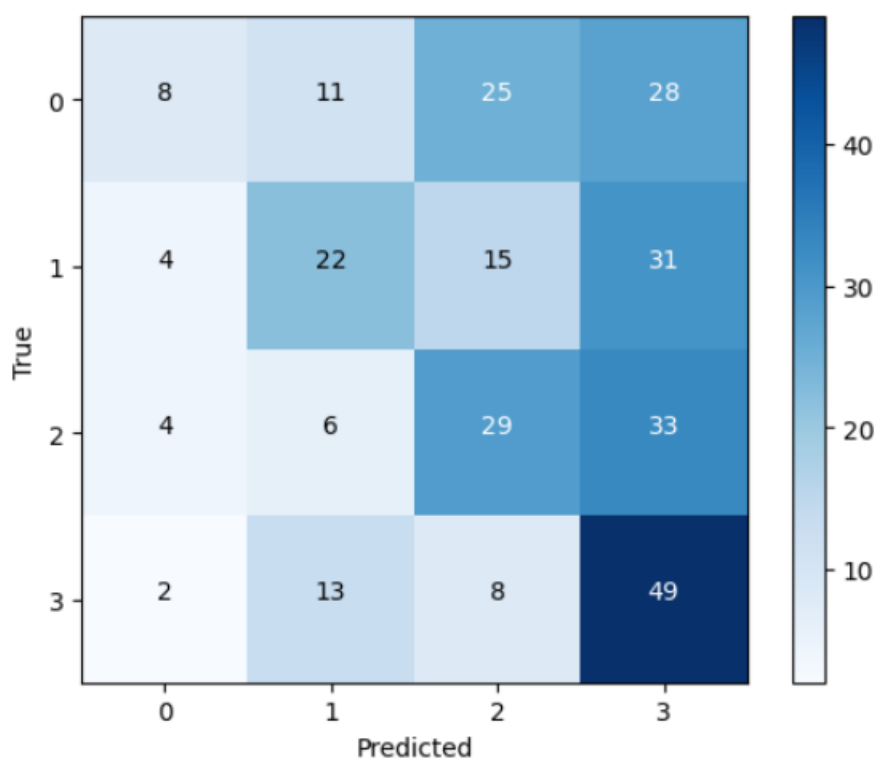
Accuracy on subject 2: 0.316



Accuracy on subject 4: 0.4479



Accuracy on subject 6: 0.375



Accuracy on subject 8: 0.5

