Model	Test subject	validation accuracy	Test accuracy	Left MI PPV	Right MI PPV	Risky error	Non-default parameter settings
BiConvLSTM EEGNet	B	0.8281 @ epoch 494	54.48	67.58	50.32	22.40	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
BiLSTM EEGNet	B	0.6892 @ epoch 246	65.73	66.67	72.69	19.17	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 192
ShallowConvNet	B	0.7483 @ epoch 591	63.11	58.85	74.18	22.88	300 time points, 25 convolutional filters, strides 15, pool size 75
EEGNet	B	0.7378 @ epoch 2483	67.40	**72.54**	73.78	**15.73**	300 time points, kernel length 150, F1 16, F2 32, D 4
DeepConvNet	B	0.7569 @ epoch 2496	**67.92**	70.06	**76.19**	16.04	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
ShallowConvNet	C	0.901 @ epoch 1701	56.00	84.93	44.08	41.71	300 time points, 25 convolutional filters, strides 15, pool size 75
BiConvLSTM EEGNet	C	0.8819 @ epoch 164	61.84	76.52	63.69	17.52	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
BiLSTM EEGNet	C	0.875 @ epoch 53	65.48	75.09	64.97	19.71	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 192
EEGNet	C	0.9149 @ epoch 885	63.92	70.35	53.23	32.43	300 time points, kernel length 150, F1 16, F2 32, D 4
DeepConvNet	C	0.9184 @ epoch 1316	**75.34**	**89.92**	**72.55**	**11.49**	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
ShallowConvNet	E	0.8038 @ epoch 103	60.31	51.24	94.12	31.52	300 time points, 25 convolutional filters, strides 15, pool size 75
BiLSTM EEGNet	E	0.7934 @ epoch 197	69.32	62.89	92.35	18.85	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 192
BiConvLSTM EEGNet	E	0.8108 @ epoch 198	69.42	68.72	93.33	14.14	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
DeepConvNet	E	0.8003 @ epoch 54	74.03	69.11	93.41	15.29	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
EEGNet	E	0.8333 @ epoch 233	**78.12**	**74.68**	**94.97**	**11.41**	300 time points, kernel length 150, F1 16, F2 32, D 4