Model	Test subject	validation accuracy	Test accuracy	Left MI PPV	Right MI PPV	Risky error	Non-default parameter settings
ShallowConvNet	B	0.7949 @ epoch 2488	52.71	50.99	51.99	45.83	300 time points, 25 convolutional filters, strides 15, pool size 75
DeepConvNet	B	0.8007 @ epoch 49	60.73	60.63	57.86	35.42	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
EEGNet	B	0.8001 @ epoch 438	62.19	63.09	56.81	34.17	300 time points, kernel length 150, F1 16, F2 32, D 4
BiConvLSTM EEGNet	B	0.7908 @ epoch 44	62.19	60.35	67.03	**25.73**	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
BiLSTM EEGNet	B	0.7955 @ epoch 870	**65.73**	**65.17**	**63.59**	26.88	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 128
ShallowConvNet	C	0.7827 @ epoch 691	50.47	90.91	40.89	44.84	300 time points, 25 convolutional filters, strides 15, pool size 75
EEGNet	C	0.7578 @ epoch 292	58.39	78.73	50.00	28.36	300 time points, kernel length 150, F1 16, F2 32, D 4
BiConvLSTM EEGNet	C	0.7474 @ epoch 119	59.23	77.08	53.35	24.61	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
DeepConvNet	C	0.7561 @ epoch 271	63.50	**82.87**	54.27	23.36	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
BiLSTM EEGNet	C	0.7735 @ epoch 138	**64.34**	80.19	**62.39**	**18.14**	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 128
ShallowConvNet	E	0.7222 @ epoch 8	48.80	57.54	46.11	42.72	300 time points, 25 convolutional filters, strides 15, pool size 75
EEGNet	E	0.798 @ epoch 2206	61.47	62.57	68.36	23.14	300 time points, kernel length 150, F1 16, F2 32, D 4
BiLSTM EEGNet	E	0.7332 @ epoch 140	66.49	65.23	**79.74**	17.59	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 128
BiConvLSTM EEGNet	E	0.7338 @ epoch 60	67.02	**80.70**	69.71	14.45	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
DeepConvNet	E	0.8293 @ epoch 1172	**69.01**	73.65	78.21	**14.03**	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4