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	72.92	70.51	77.05	19.27	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
BiLSTM EEGNet	B	0.8385 @ epoch 350	75.00	81.67	70.00	16.67	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 128
ShallowConvNet	B	0.7812 @ epoch 1033	75.52	**84.75**	67.57	17.19	300 time points, 25 convolutional filters, strides 15, pool size 75
DeepConvNet	B	0.8438 @ epoch 177	75.52	76.81	75.86	**15.63**	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
EEGNet	B	0.8802 @ epoch 383	**78.13**	83.33	72.46	**15.63**	300 time points, kernel length 150, F1 16, F2 32, D 4
BiConvLSTM EEGNet	C	0.8854 @ epoch 424	87.50	85.51	87.69	9.38	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
BiLSTM EEGNet	C	0.8958 @ epoch 920	88.02	89.71	86.36	8.33	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 128
EEGNet	C	0.9479 @ epoch 2290	95.31	92.54	96.88	3.65	300 time points, kernel length 150, F1 16, F2 32, D 4
ShallowConvNet	C	0.9427 @ epoch 2167	95.83	**95.38**	96.77	2.60	300 time points, 25 convolutional filters, strides 15, pool size 75
DeepConvNet	C	0.9271 @ epoch 1430	**96.88**	**95.38**	**98.41**	**2.08**	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
BiLSTM EEGNet	E	0.8958 @ epoch 920	82.72	85.07	87.10	9.42	300 time points, 150 kernel length, F1 16, F2 32, D4 | LSTM size 128
BiConvLSTM EEGNet	E	0.9267 @ epoch 389	86.39	84.29	90.16	8.90	300 time points, 150 kernel length, F1 6, D 2 | LSTM kernel size 16, AVG pooling 4
DeepConvNet	E	0.9686 @ epoch 717	89.01	88.73	87.69	8.38	300 time points, dropout 0.5, 12 first layer filters, strides 4, pool size 4
EEGNet	E	0.9529 @ epoch 896	**93.19**	**93.85**	93.65	**4.19**	300 time points, kernel length 150, F1 16, F2 32, D 4
ShallowConvNet	E	0.9686 @ epoch 973	**93.19**	93.75	**93.75**	**4.19**	300 time points, 25 convolutional filters, strides 15, pool size 75