

Subject	Stage <sup>1</sup>	Purpose	File Name	Accuracy	
				CSP+LDA <sup>2</sup>	PCA+TVLDA <sup>3</sup>
P1	pre	training	P1_pre_training.mat	77,10%	92,90%
		test	P1_pre_test.mat		
	post	training	P1_post_training.mat	93,90%	97,00%
		test	P1_post_test.mat		
P2	pre	training	P2_pre_training.mat	68,40%	72,40%
		test	P2_pre_test.mat		
	post	training	P2_post_training.mat	96,10%	97,40%
		test	P2_post_test.mat		
P3	pre	training	P3_pre_training.mat	74,40%	93,60%
		test	P3_pre_test.mat		
	post	training	P3_post_training.mat	79,70%	100,00%
		test	P3_post_test.mat		

**Variable description:**

fs ... Sampling rate in Hz

y ... EEG data (samples x channels)

trig ... Trigger data (+1 ... imagine left hand movement, -1 ... imagine right hand movement)

<sup>1)</sup> pre: first rehabilitation session, post: last rehabilitation session

<sup>2)</sup> Standard motor imagery classification pipeline according to Sebastián-Romagosa et al.

<sup>3)</sup> Novel classification pipeline, adapted from Gruenwald et al.