















Results		
Classifiers	Number of neurons in the hidden layer	Accuracy, %
Wake - All (REM, Stage 1 - 4)	3	84,6
Wake - All (REM, Stage 1 - 4)	4	83,9
REM, Stage 1,2 - Stage 3,4	4	90,2
REM - Stage 1,2	4	78,3
REM - Stage 1,2	8	75,5
All - S2	7	76,6
All - S2	8	78,1
All - S4	8	86







