[ALLEEG EEG CURRENTSET ALLCOM] = eeglab;

EEG = pop\_loadset('filename','S1\_EEG.set','filepath','C:\\Users\\Siri\\Desktop\\8th Sem Project\\Test\_Data\\S1\\');

[ALLEEG, EEG, CURRENTSET] = eeg\_store( ALLEEG, EEG, 0 );

EEG = eeg\_checkset( EEG );

pop\_eegplot( EEG, 1, 1, 1);

EEG = pop\_eegfiltnew(EEG, [],30,220,0,[],1);

[ALLEEG EEG CURRENTSET] = pop\_newset(ALLEEG, EEG, 1,'setname','S1\_EEG\_FIR','gui','off');

EEG = eeg\_checkset( EEG );

pop\_eegplot( EEG, 1, 1, 1);

EEG = pop\_continuousartdet( EEG , 'ampth', 200, 'chanArray', 1:16, 'colorseg', [ 0.83 0.82 0.79], 'firstdet', 'on', 'forder', 100, 'numChanThreshold', 1, 'stepms', 250, 'threshType', 'peak-to-peak', 'winms', 500 ); % GUI: 29-May-2019 13:09:01

[ALLEEG EEG] = eeg\_store(ALLEEG, EEG, CURRENTSET);

EEG = eeg\_checkset( EEG );

EEG = pop\_epoch( EEG, { '112' }, [-1 1], 'newname', 'S1\_EEG\_FIR\_car epochs', 'epochinfo', 'yes');

[ALLEEG EEG CURRENTSET] = pop\_newset(ALLEEG, EEG, 2,'gui','off');

EEG = eeg\_checkset( EEG );

EEG = pop\_rmbase( EEG, [-1000 0]);

[ALLEEG EEG CURRENTSET] = pop\_newset(ALLEEG, EEG, 3,'setname','S1\_EEG\_FIR\_car epochs\_1','gui','off');

EEG = eeg\_checkset( EEG );

pop\_eegplot( EEG, 1, 1, 1);

extracttrials('C:\Users\Siri\Desktop\8th Sem Project\p300soft\subject1\subject1\session1','s1')

EP\_den\_v2