subj.-avg. and eeg-applied CSP components [15-25 Hz] 120 CSP filtered EEG, relative amplitude [dB] 110 100 90 80 -ERD 1 ERD 2 70 ERD 3 ERD 4 ERD 5 60 contrast period target period -2000-1500-1000-5000 500 time around response [ms] ERD 1 ERD 2 ERD 3 ERD 4 ERD 5 amplitude (a.u.)