subj.-avg. and eeg-applied CSP components [1-4 Hz] ERS 1 (EV = 3.67dB) ERS 2 (EV = 1.92dB) ERS 3 (EV = 1.83dB) ERS 4 (EV = 1.59dB) ERS 5 (EV = 1.36dB) ERD 5 (EV = -0.39dB)ERD 4 (EV = -0.47dB)ERD 3 (EV = -0.54dB) ERD 2 (EV = -0.83dB)ERD 1 (EV = -1.08dB) contrast period target period

500

1600

1400

1200

1000

800

600

400

200

0

-2000

-1500

-1000

time around response [ms]

-500

0

CSP filtered EEG, relative amplitude [%]