1 EMOTIONAL ELICITATION TASK (DEAP DATABASE)
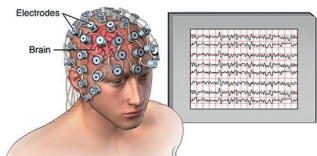
■ PHYSIOLOGICAL ACTIVATION

EEG

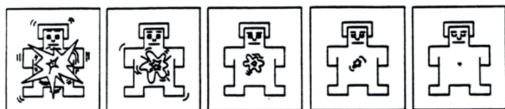EDA

■ SELF-REPORTED AROUSAL

Excited — Calm
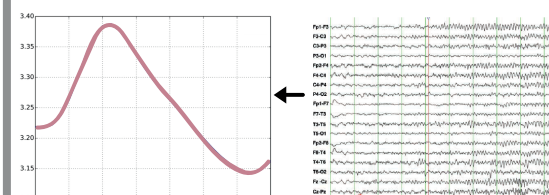
2 EDA PREDICTION FROM EEG

$$EDA = f(EEG)$$

OUTPUT: PHYSIOLOGICAL REPRESENTATION OF AROUSAL

EDA
REAL
PREDICTED
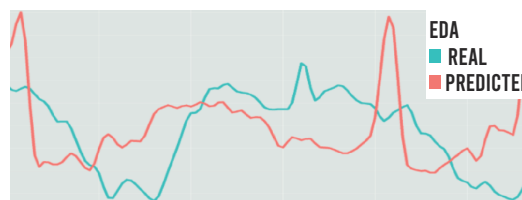
3 SELF REPORTED AROUSAL PREDICTION FROM PREDICTED EDA

$$AROUSAL = f(\hat{EDA})$$
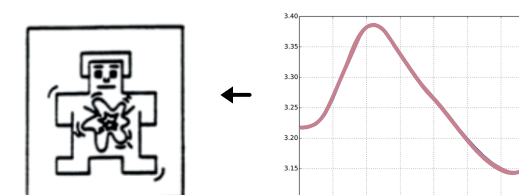
OUTPUT: SELF REPORTED AROUSAL