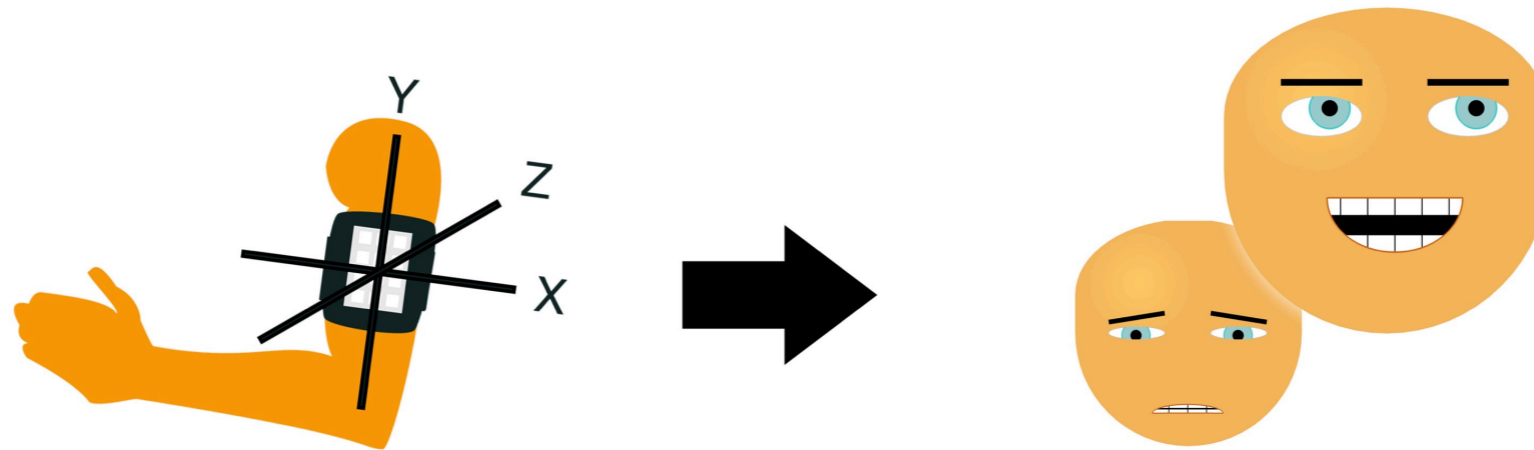


Happy Running?

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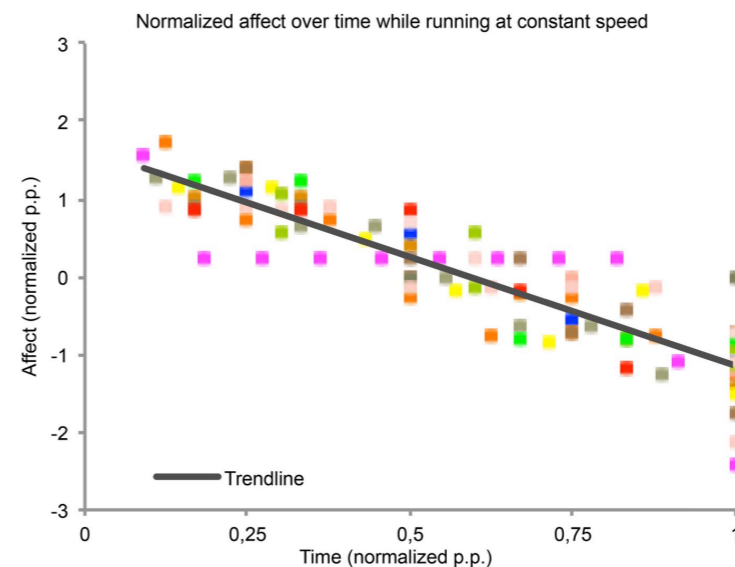
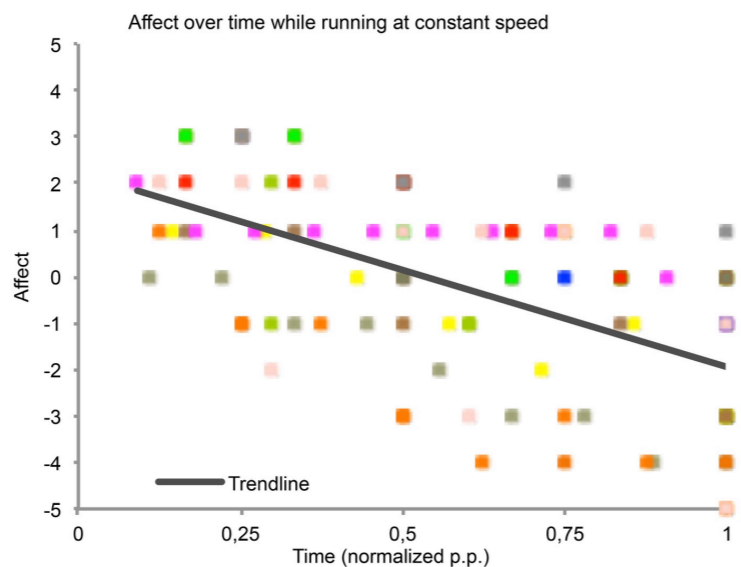
Using an accelerometer to predict the affective state of a runner



SMARTPHONE'S ACCELEROMETER MEASURES MOVEMENT

MOVEMENT SIGNAL PARSED TO FEATURES AND NORMALIZED

CORRELATED WITH NORMALIZED AFFECT



Using normalized data a strong inverse correlation between affective state and the runners' forward and sideways movement is observed