# Emotion Recognition using Body Gestures

- Saha, Datta, et al. (2014): A Study on Emotion Recognition from Body Gestures Using Kinect Sensor , ICCSP.
  https://ieeexplore.ieee.org/document/6949798
- Motivation: Classify 5 emotions from body gestures using kinetic sensors. Compare different model's accuracy and runtime.
- Data: Use kinetic sensor to produce 3-D human skeleton represented by 20 body joints. 60 second video for each emotion from 10 participants.
- Method: Nine features extracted from upper body joints. 5 models used to classify the emotions.
- Main Result: AdaBoost has best average accuracy. However, it has worst computation time. Nine features are representative of the emotions.