

# Paper Commentary Exercise

Pinghao

November 7, 2014

## **1 Simultaneous Tracking Activity Recognition (STAR) Using Many Anonymous, Binary Sensors**

Pros:

1. Use only simple sensors like motion, pressure detectors instead of complicated, expensive ones to get a result.
2. This work is highly applicable and has great commercial value.
3. It uses only filters with little training but does well in practice.

Cons:

It can not classify complicated activities.

## **2 Online activity recognition using evolving classifiers**

Pros:

1. Using methods that works well on activity recognition in a growing data.
2. Inherit many previous works trying on huge various of methods.
3. Using only binary sensors to do on this work.

Cons: Using an unbalanced dataset.

It can not classify complicated activities.