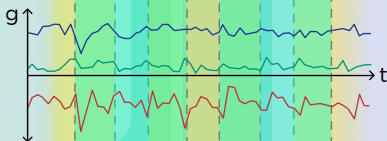


Motion Data Acquisition

Accelerometer Data

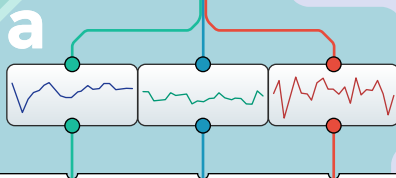
Annotated Motion Data Logging

Feature Generation



Windowing and Overlapping

Sequence Decomposition



Axial Features

Feature Pooling

Supervised Classification

Annotation and Prediction



Feature Vectors

Associated Labels

Label Association

Activity Labels

- a** Feature Extraction
- a** **b** Classifier Training
- a** **c** Prediction (HAR Task)