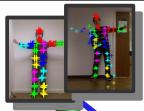


## **Data Acquisition**

**RGB** videos + 3D ground-truth from Kinect

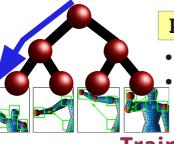


## **Part Detection**

- Unconstrained
- No silhouette



- Global
- Houghvoting



## Pose Regression

- Local
  - One forest for a joint

## **Training**

**Part-based features + action detection** + **regression forest** 



**Knowledge transfer** No retraining → Unseen environments

