



Motivation



- Tracking of Humans
 - video surveillance
 - activity recognition
 - sport scenes understanding

- Masks and Keypoints

→ richer representations than bounding-boxes

- Semi-Supervision
 - if available, we should know how to leverage it
 - propagate this annotations to neighboring frames and reduce annotation cost of videos

Related Work - Segmentation

- Long et al., CVPR'15
- Chen et al., ICLR'15

Semantic Segmentation



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