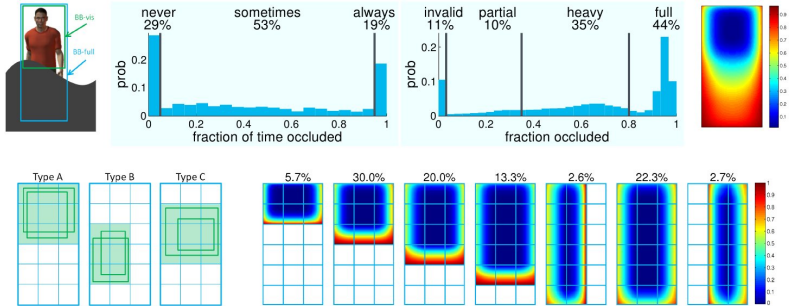


# Pedestrian Detection: An Evaluation of the State of the Art

P. Dollar, C. Wojek, B. Schiele and P. Perona (PAMI 2011)



- ▶ Pedestrian detection methods are hard to compare because of multiple datasets and varying evaluation protocols
- ▶ Extensive evaluation of the state of the art in a unified framework
- ▶ Large, well-annotated and realistic monocular pedestrian detection dataset
- ▶ Refined per-frame evaluation methodology
- ▶ Evaluation of sixteen pre-trained state-of-the-art detectors across six datasets
- ▶ Performance of state-of-the-art is disappointing at low resolutions (far distant pedestrians) and in case of partial occlusions