**Papers with different datasets**

FasterRCNN

R. Girshick. Fast r-cnn. In ICCV, 2015. 1, 2

R. Girshick, J. Donahue, T. Darrell, and J. Malik. Rich feature hierarchies for accurate object detection and semantic segmentation. In CVPR, 2014

INRIA N.

* Dalal and B. Triggs. Histograms of oriented gradients for human detection. In CVPR, 2005.

ETH

* Ess, B. Leibe, K. Schindler, and L. Van Gool. A mobile vision system for robust multi-person tracking. In CVPR, 2008.

TudBrussels

* C. Wojek, S. Walk, and B. Schiele. Multi-cue onboard pedestrian detection. In CVPR, 2009.

Daimler

* M. Enzweiler and D. M. Gavrila. Monocular pedestrian detection: Survey and experiments. PAMI, 2009

**Datasets Histograms of Oriented Gradients for Human Detection uses**

INRIA

<http://lear.inrialpes.fr/data> (for some reason doesn’t work but was used)

<https://lear.inrialpes.fr/people/marszalek/data/ig02/> (this involves people cars and bikes)

640x480 or 480x640 pixels

Red = person

Green = Object (example handbag)

MIT pedestrian database

<http://cbcl.mit.edu/software-datasets/PedestrianData.html>

The images were conducted in a city theme It contains only front or back views with a relatively limited range of poses.

PCA-SIFT

Y. Ke and R. Sukthankar. Pca-sift: A more distinctive representation for local image descriptors. CVPR, Washington, DC, USA, pages 66–75, 2004.