

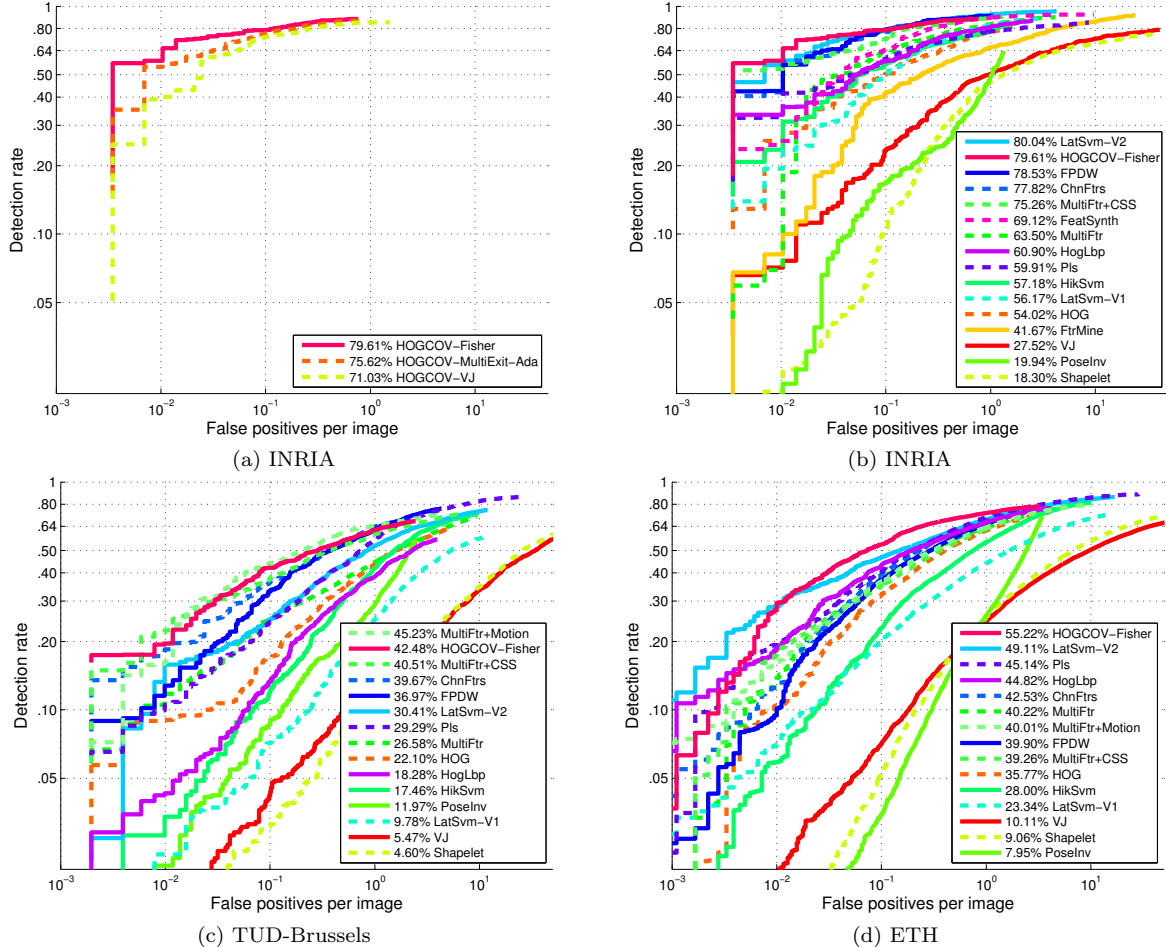


Figure 1: The performance of our pedestrian detector (HOGCOV-Fisher) compared with (a) baseline detectors and (b, c, d) state-of-the-art detectors on publicly available pedestrian data sets. Our detector uses HOG and covariance features. The performances are ranked using log-average detection rates in the legend. Our detector performs best on the INRIA data set, second best on the TUD-Brussels and ETH data sets. Note that the best one on the latter two data sets has either used many more features or used a more sophisticated part-based model.