

KNN[5]-BOF[cpp-256-None]-DENSE[mylib-
12+2+5+8+12+17+23+30+39+49]xSIFT[cd-
L2T[1-0.2]]

April 13, 2010

Classifier: K-Nearest Neighbours (K = 5)
Signature: Bag of features (K = 256, histogram normalization: None, K-means
library: cpp)
Channels:
(DENSE[spacing = 12-14-17-20-24-29-35-42-51-61, library: mylib]) x (SIFT[normalization:
L2 (norm = 1, truncation over 0.2), library: cd])

1 InteractingWithComputer

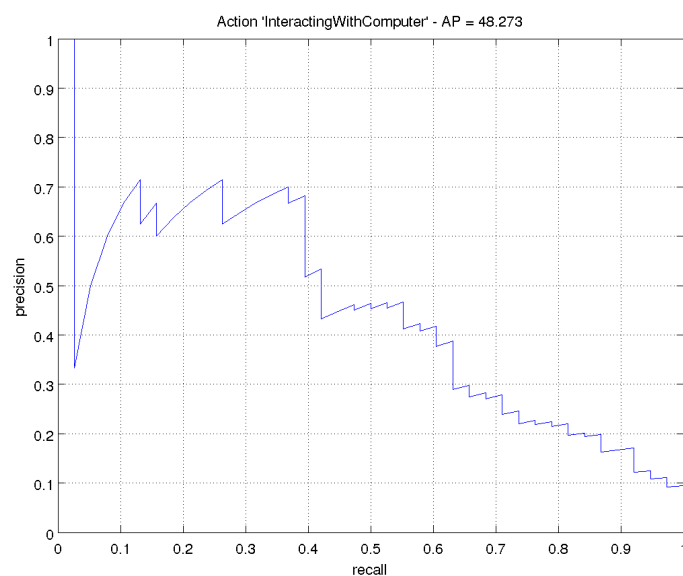




Figure 1: InteractingWithComputer: Correctly classified images, highest score



Figure 2: InteractingWithComputer: Correctly classified images, smallest score

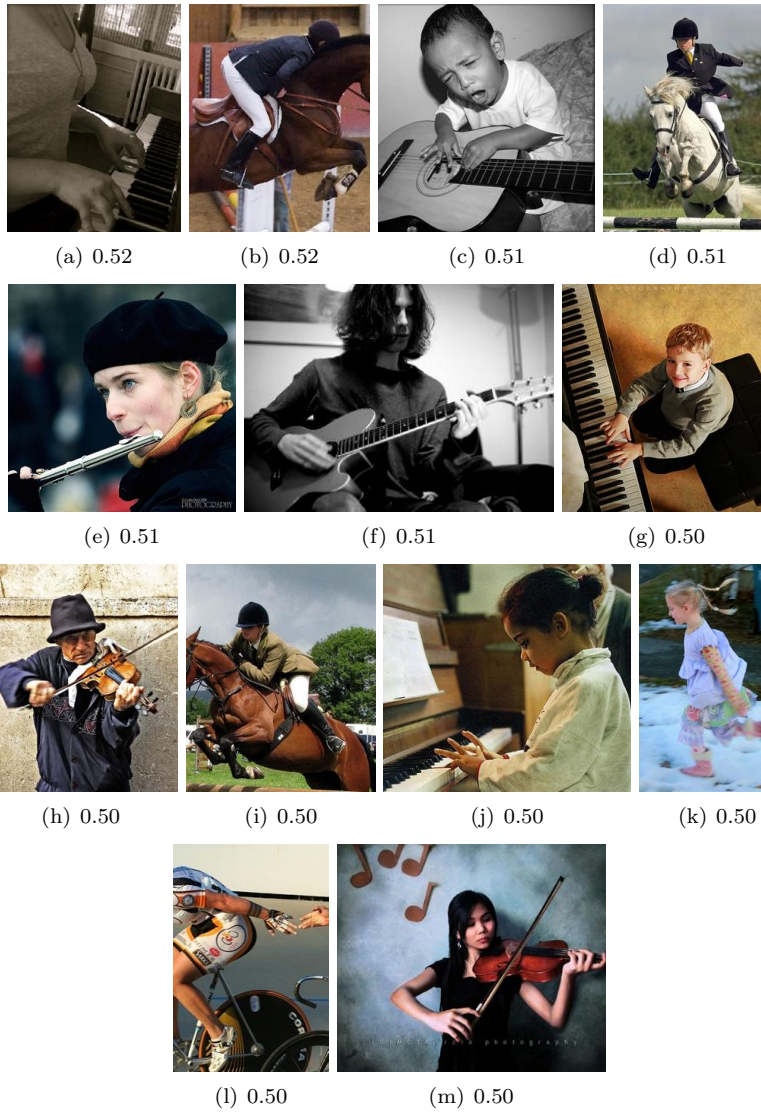


Figure 3: InteractingWithComputer: Misclassified images, highest score

2 Photographing

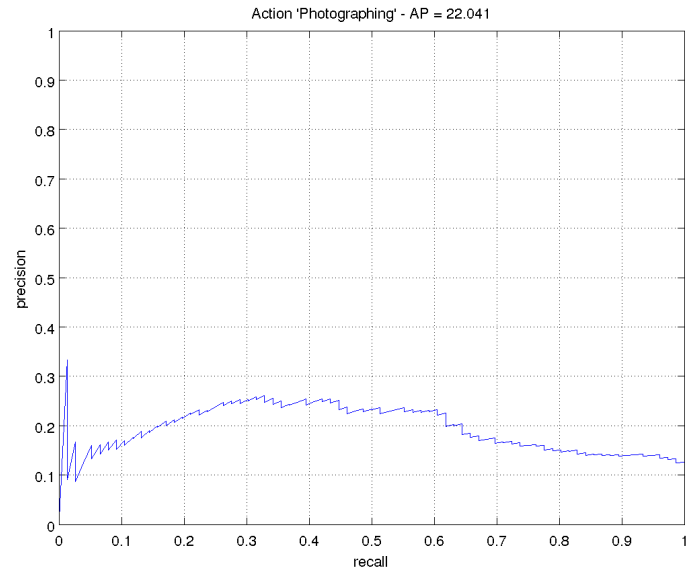




Figure 4: Photographing: Correctly classified images, highest score



Figure 5: Photographing: Correctly classified images, smallest score



Figure 6: Photographing: Misclassified images, highest score

3 PlayingMusic

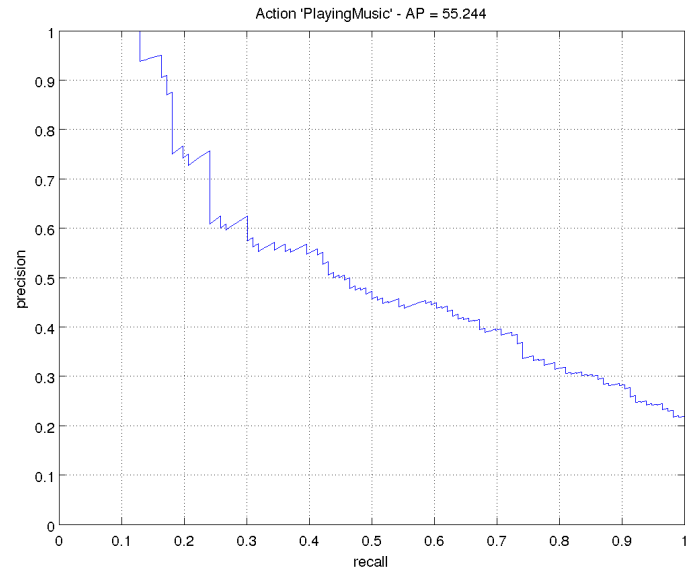




Figure 7: PlayingMusic: Correctly classified images, highest score



Figure 8: PlayingMusic: Correctly classified images, smallest score

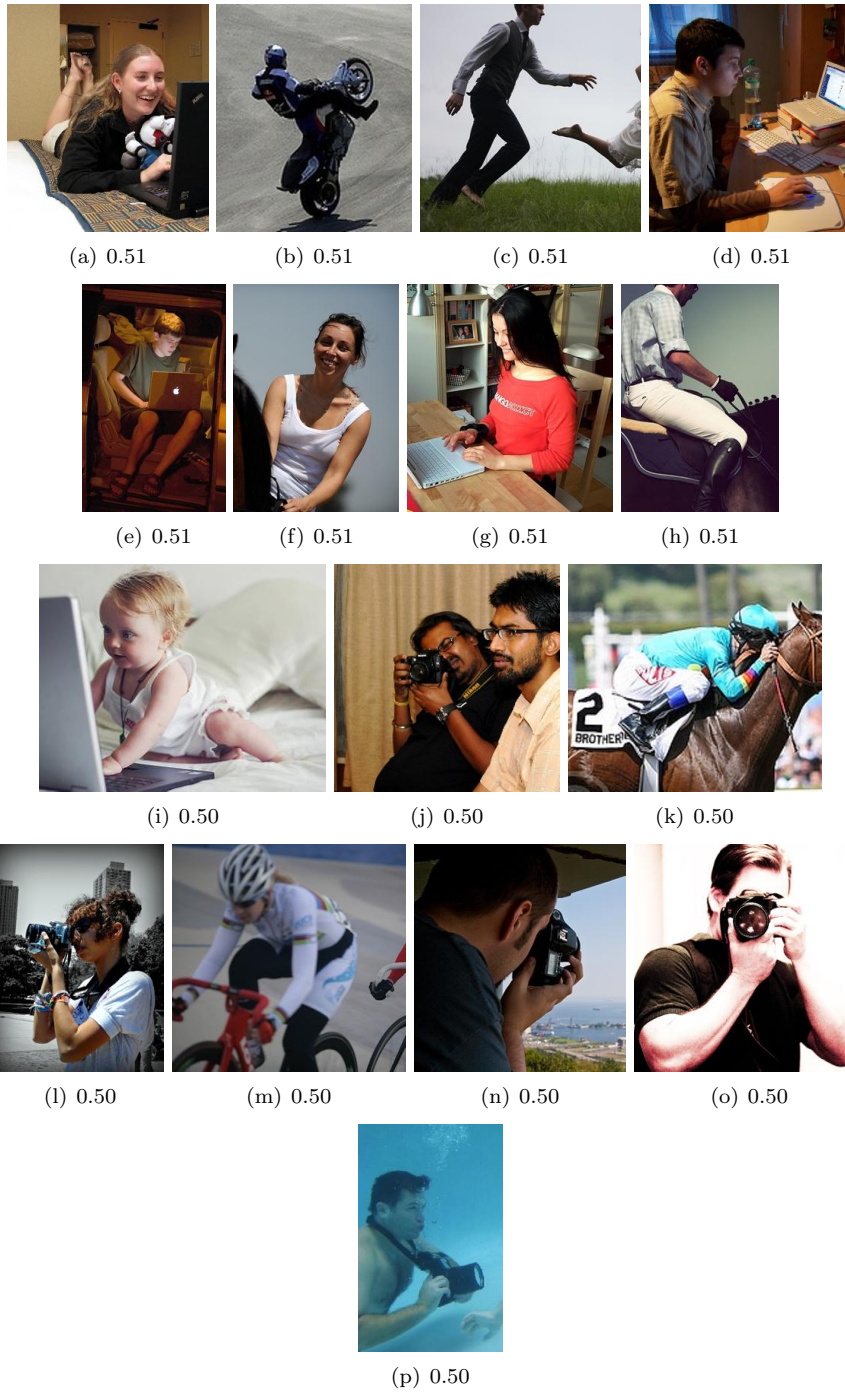
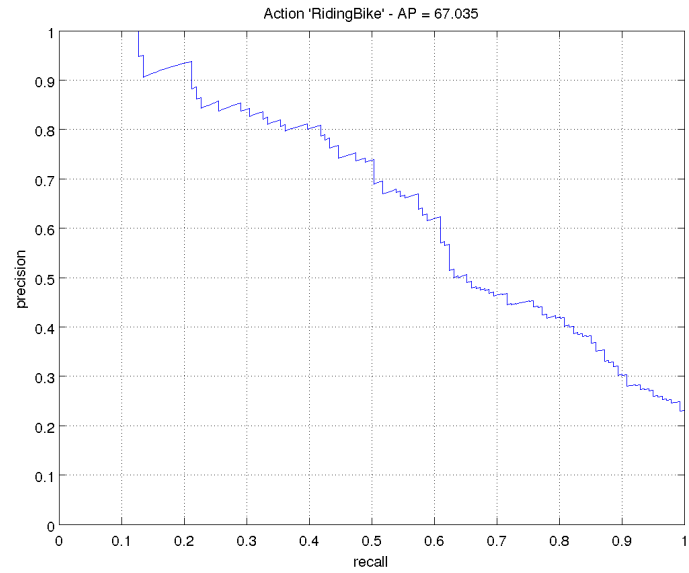


Figure 9: PlayingMusic: Misclassified images, highest score

4 RidingBike



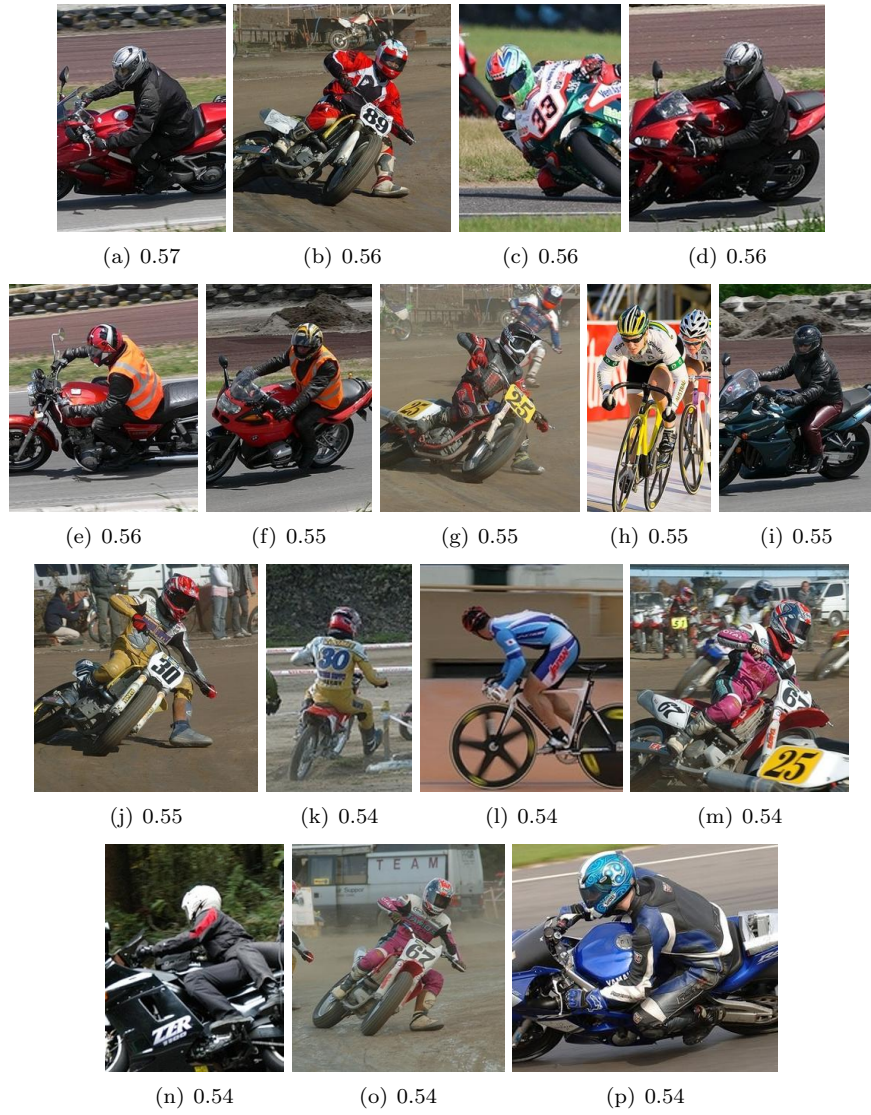


Figure 10: RidingBike: Correctly classified images, highest score

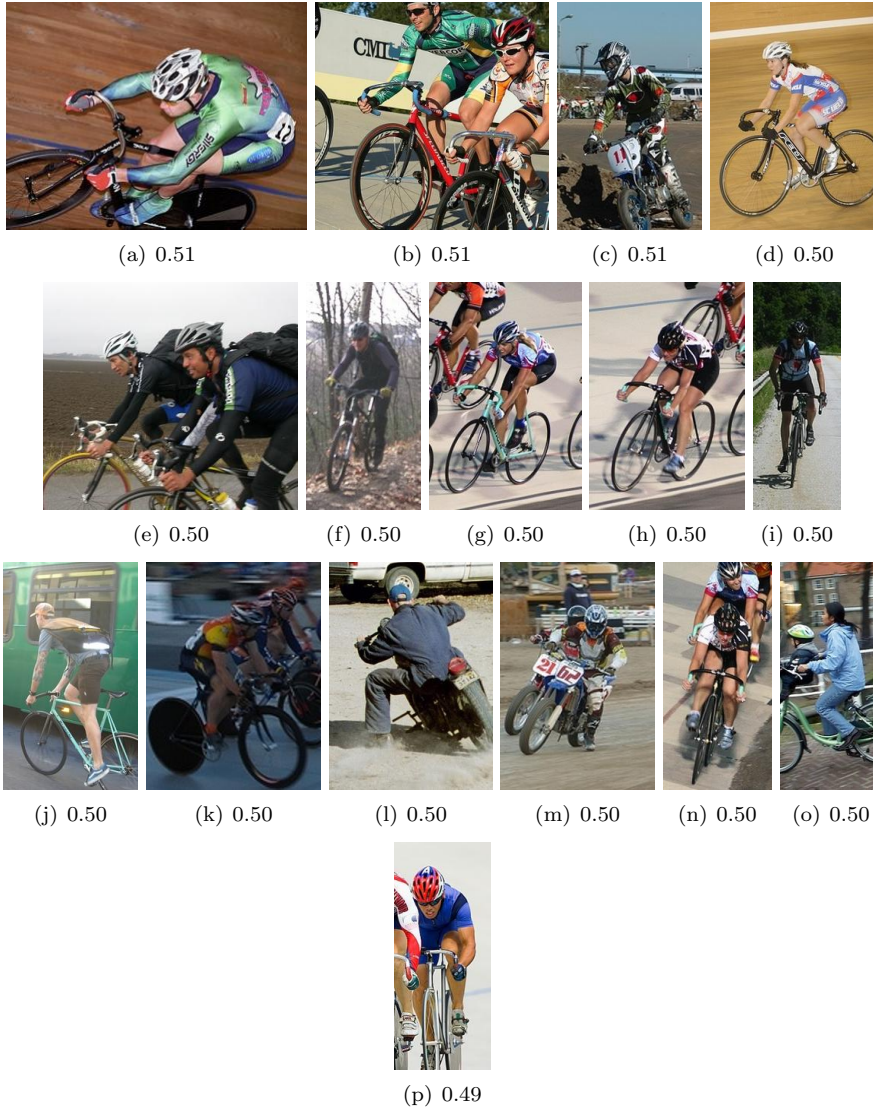


Figure 11: RidingBike: Correctly classified images, smallest score

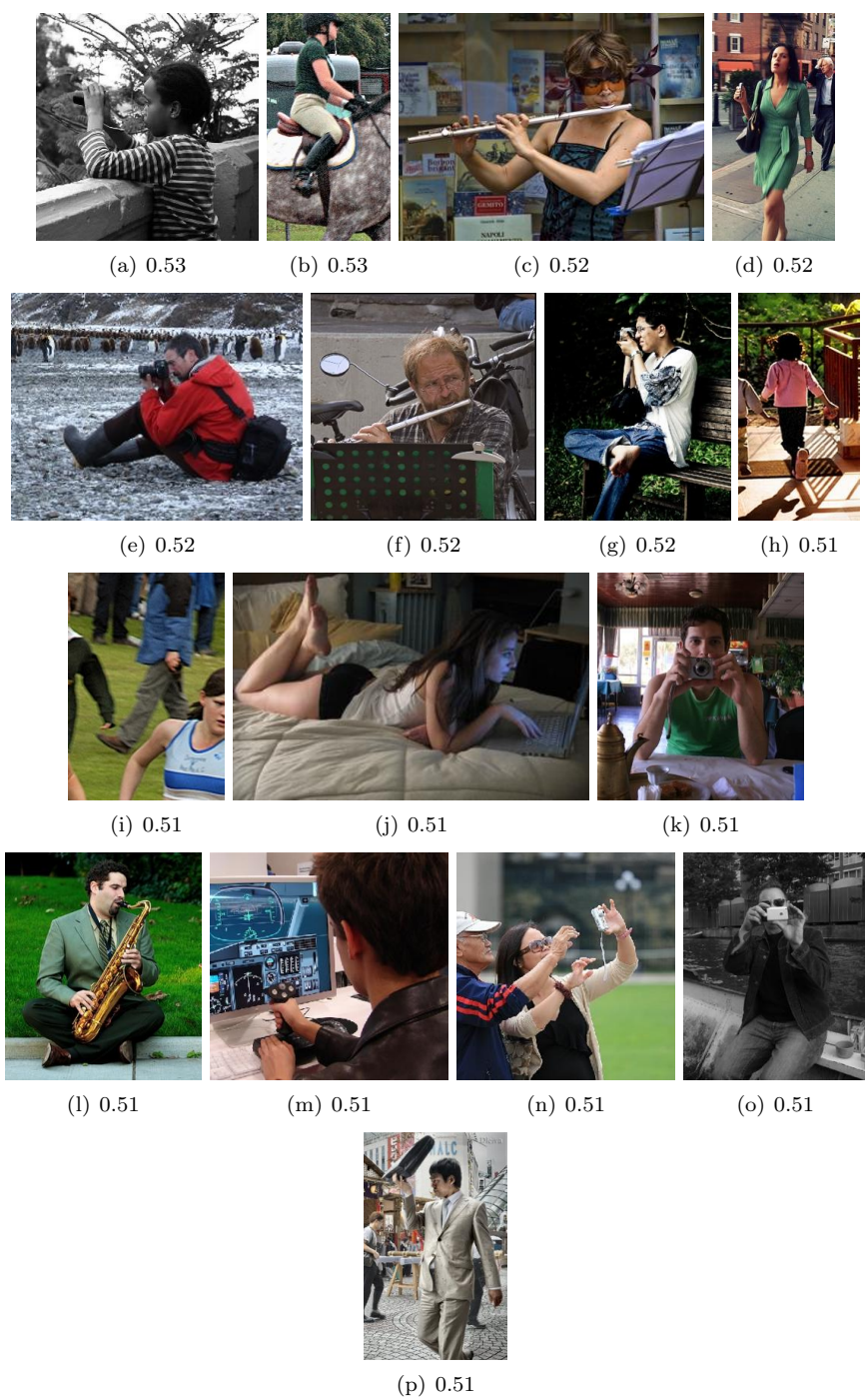


Figure 12: RidingBike: Misclassified images, highest score

5 RidingHorse

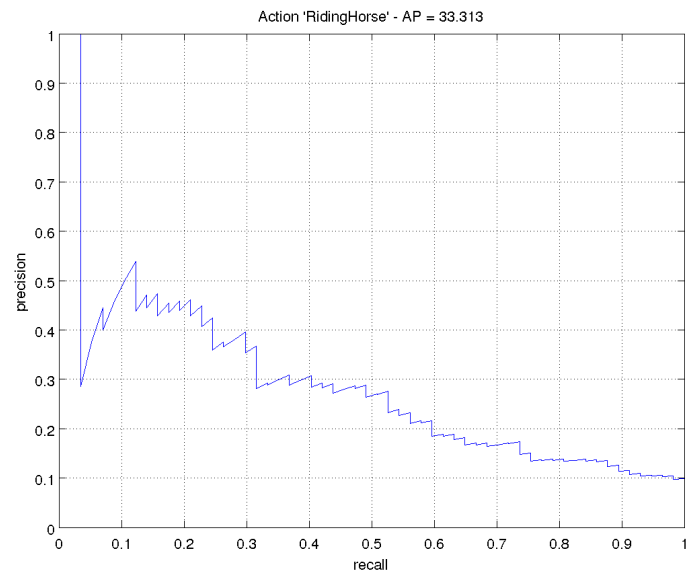




Figure 13: RidingHorse: Correctly classified images, highest score



Figure 14: RidingHorse: Correctly classified images, smallest score



Figure 15: RidingHorse: Misclassified images, highest score

6 Running

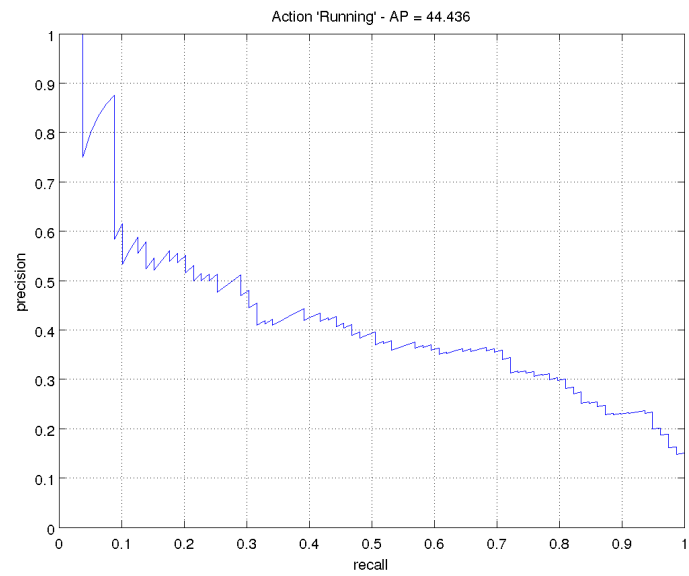




Figure 16: Running: Correctly classified images, highest score



Figure 17: Running: Correctly classified images, smallest score



Figure 18: Running: Misclassified images, highest score

7 Walking

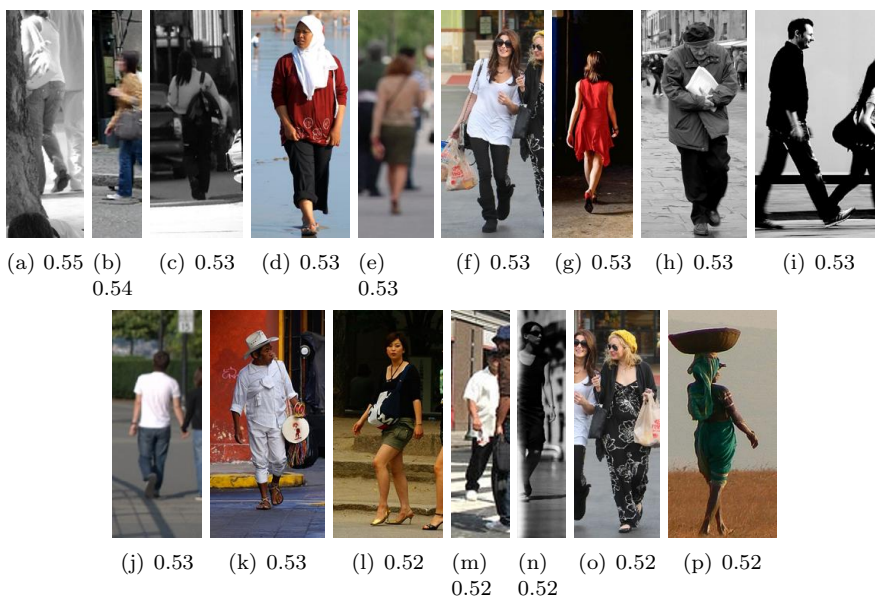
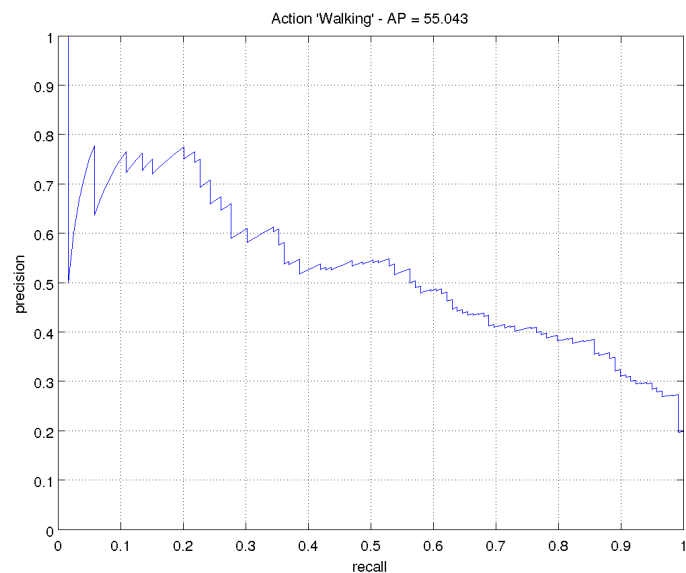


Figure 19: Walking: Correctly classified images, highest score



Figure 20: Walking: Correctly classified images, smallest score

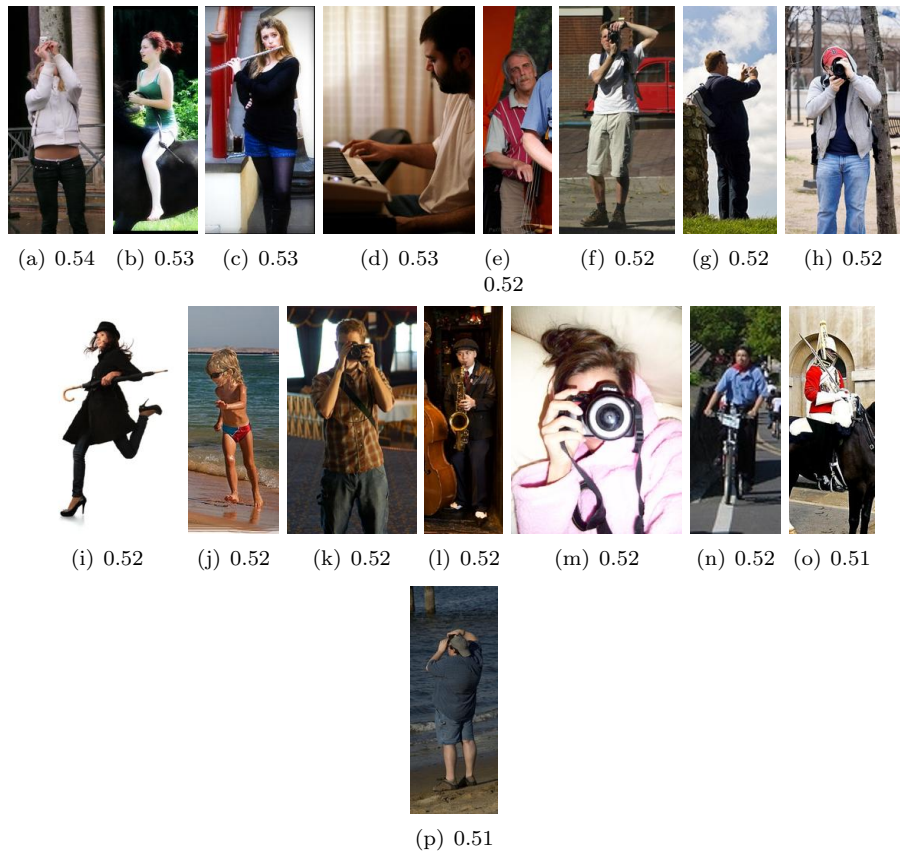


Figure 21: Walking: Misclassified images, highest score