

Assignment Submission 6

Jan Claar

Exercise 6.1

The images with bounding boxes having a score larger than 0.5 after NMS are shown in figure 1.

Exercise 6.3

The PR Curve of a early stage model is shown in figure 2. The curve is representative for a very bad model. Even at high confidence thresholds (low recall), the models precision is less than 1.0, meaning even its most confident guesses are only correct around 65% of the time. The precision deteriorates very fast with a rising recall, showing that most of the models predictions are wrong.

The AP over the training epochs are displayed in 3.

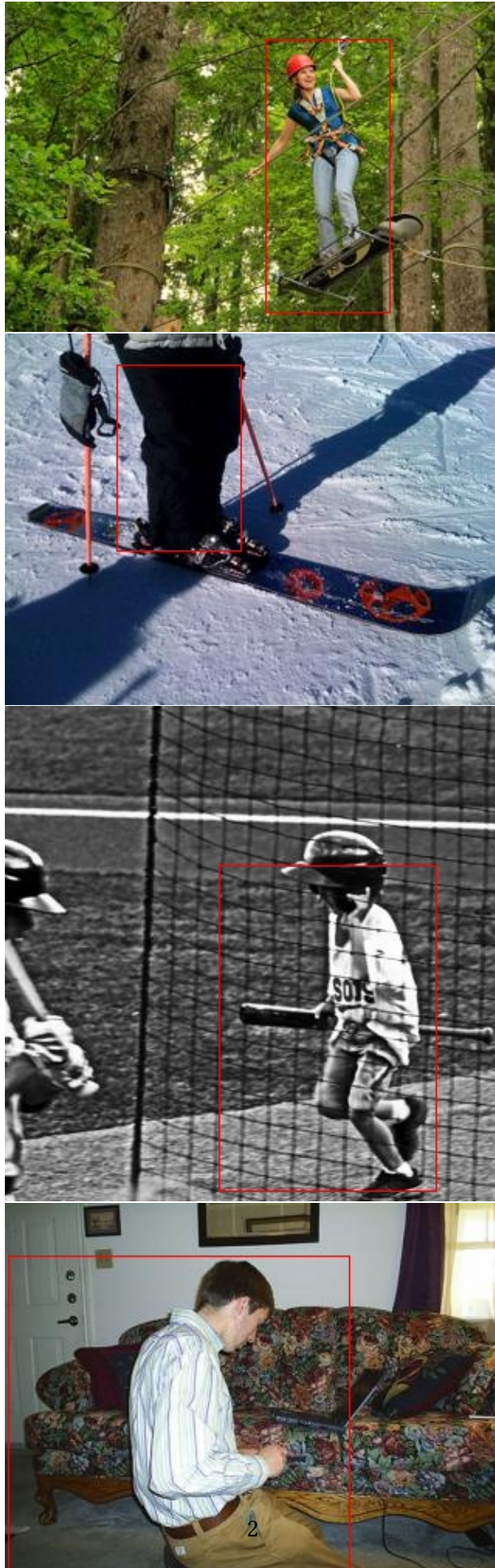


Figure 1: Images with bounding boxes having a score larger than 0.5 after NMS

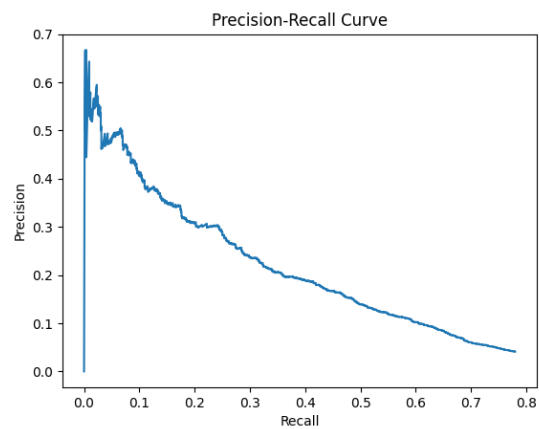


Figure 2: PR Curve on validation set

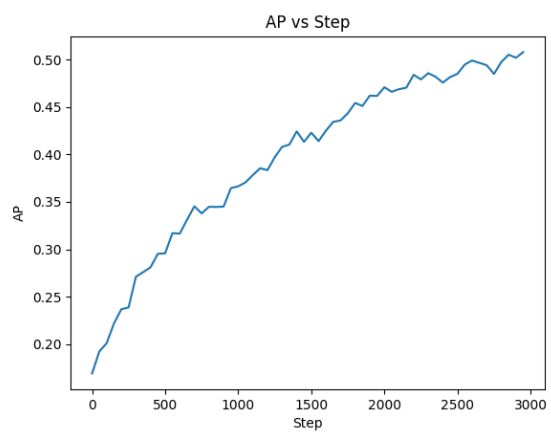


Figure 3: AP over training epochs