

# 1 Detection ranking comparison

## 1.1 InriaLite

The first 240 (our of 406) detections sorted by the score from the base detector (Calvin). (The numbers below the images show the rank change that will be induced by our algorithm, where a negative number means the rank will be higher, and a positive number indicates a lower ranking after applying the proposed algorithm.)





The first 240 detections sorted by the final score of the proposed algorithm. The rank change is shown below each image, where a negative number means an increased rank (higher score), and positive numbers means a decreased rank (lower score):



The base detector produces more higher ranked false positives (starting from rank 165). The proposed algorithm improves the scores by including information from the contextual semantic colour segmentation.



## 1.2 TA2

The first 240 (our of 325) detections sorted by the score from the base detector (Calvin):





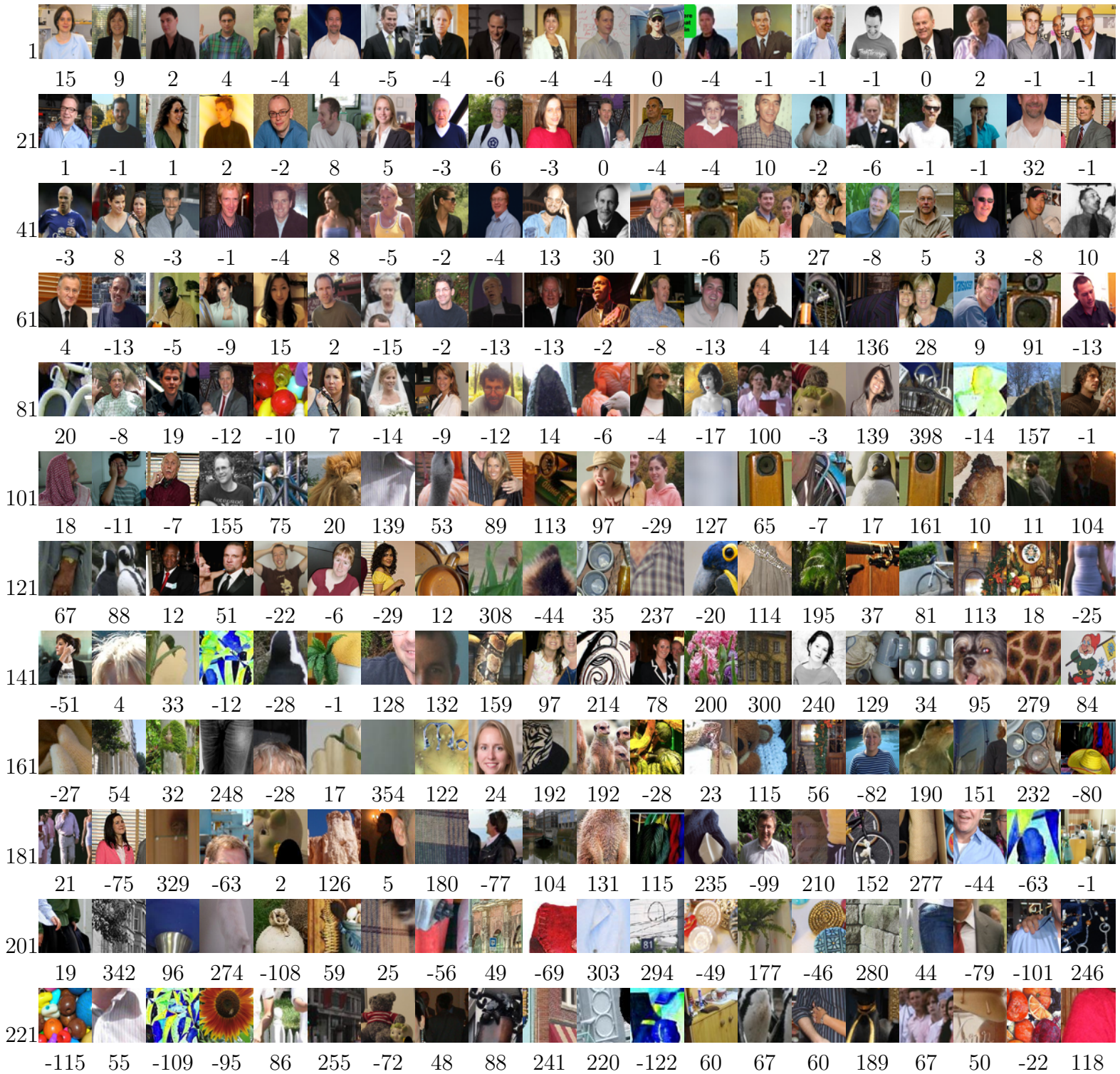
The first 240 detections sorted by the final score of the proposed algorithm. The rank change is shown below each image.





### 1.3 Web

The first 240 (our of 645) detections sorted by the score from the base detector (Calvin):





The first 240 detections sorted by the final score of the proposed algorithm. The rank change is shown below each image. Note that, here, there are only 106 positive detections in total.

