Supplementary material: Bottom-up Segmentation for Top-down Detection

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1. Results

In the supplementary material, we include more detection results, comparing CPMC-based detector [1], DPM [2] and our segDPM [3] approach. Each row shows (from left to right), (a) original image with GT annotations, (b) CPMC-based detector with the corresponding segmentation, (c) DPM, (d) our approach. For each method, we show top \(k\) detections for each class, where \(k\) is the number of boxes for that class in GT. For example, for an image with two person GT boxes and a dog, we show top 2 scoring boxes for person and the top scoring box for dog. In Fig. 1-11 we show successful detections, while Fig. 12-14 depict the failures.

References

Figure 1. Examples of successful detections.
Figure 2. Examples of **successful** detections.
Figure 3. Examples of successful detections.
Figure 4. Examples of successful detections.
Figure 5. Examples of **successful** detections.
Figure 6. Examples of successful detections.
Figure 7. Examples of **successful** detections.
Figure 8. Examples of successful detections.
Figure 9. Examples of **successful** detections.
Figure 10. Examples of **successful** detections.
Figure 11. Examples of successful detections.
Figure 12. Examples of failed detections.
Figure 13. Examples of failed detections.
Figure 14. Examples of failed detections.