

Fashion AI: One-Shot Clothing Detection

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Abstract

Fashion analysis is quite a complex task. Clothing detection is the first technological challenge to be solved for almost any fashion analysis task. Recently presented one-shot approach CenterNet outperforms most of the current detectors and demonstrates outstanding speed-accuracy trade-off. We consider CenterNet architecture in details along with a brief review of deep learning based object detection methods. Also we present our results on DeepFashion2 Challenge and show that CenterNet is able to achieve the state-of-the-art accuracy for bounding box detection and landmark detection tasks.
