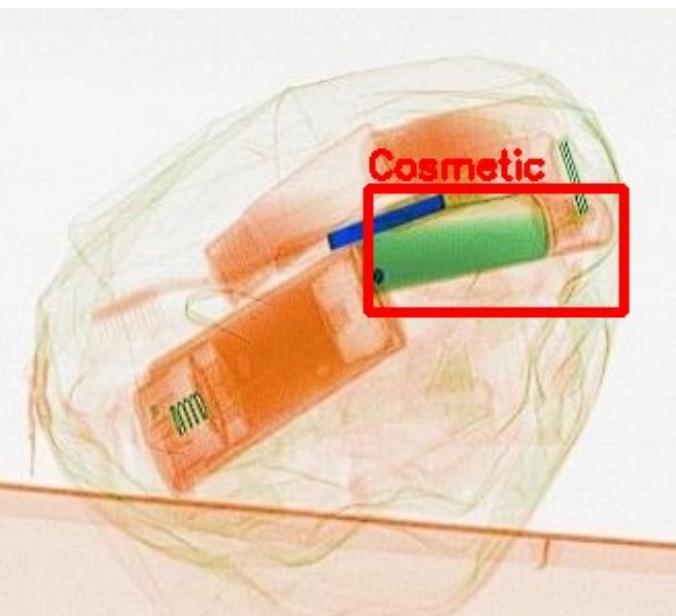
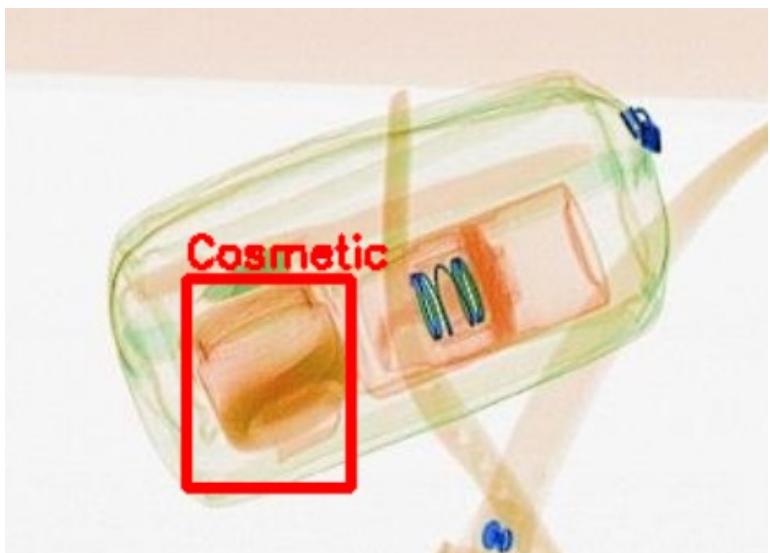


LIM EFFCT

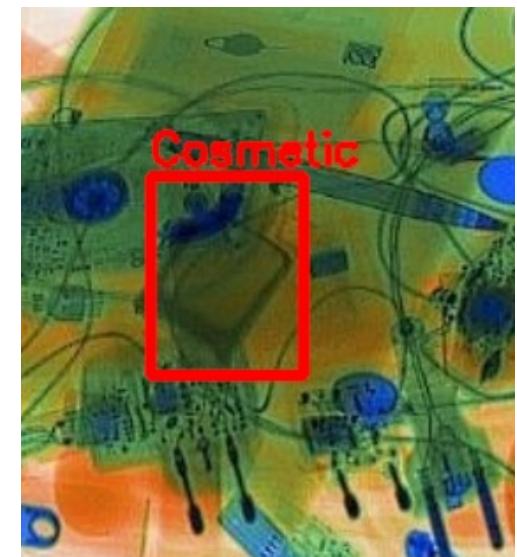
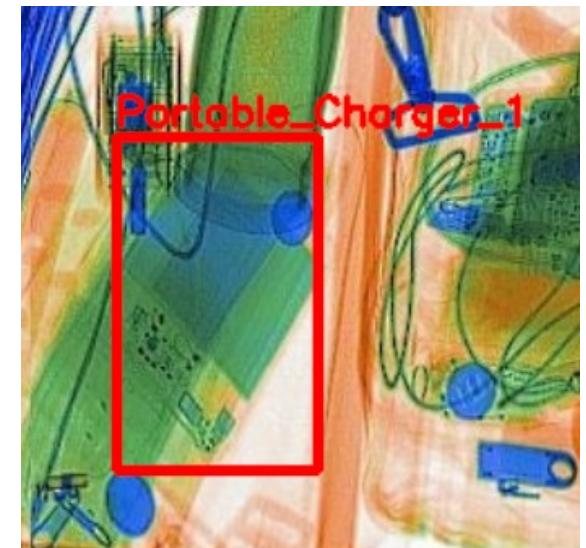
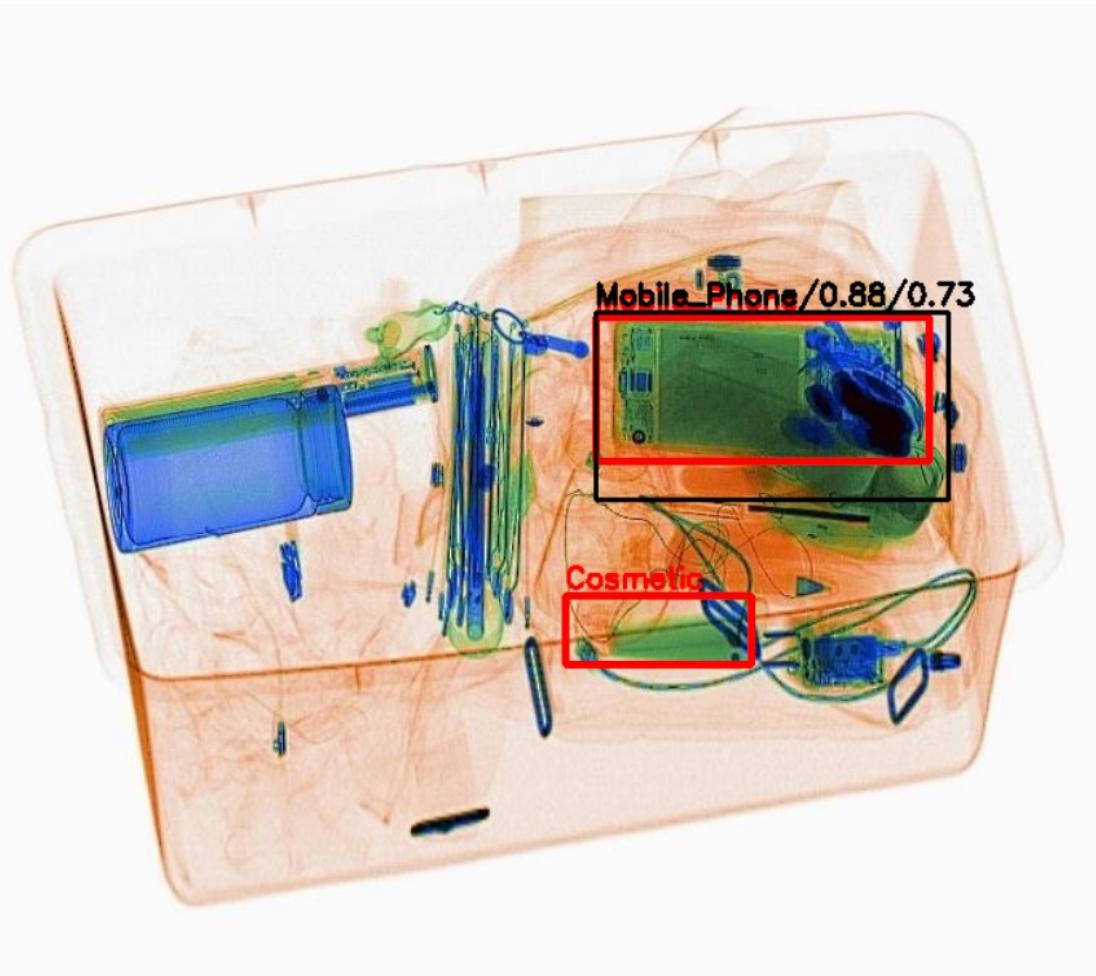
Cosmetic - Bad Example

形态差异大



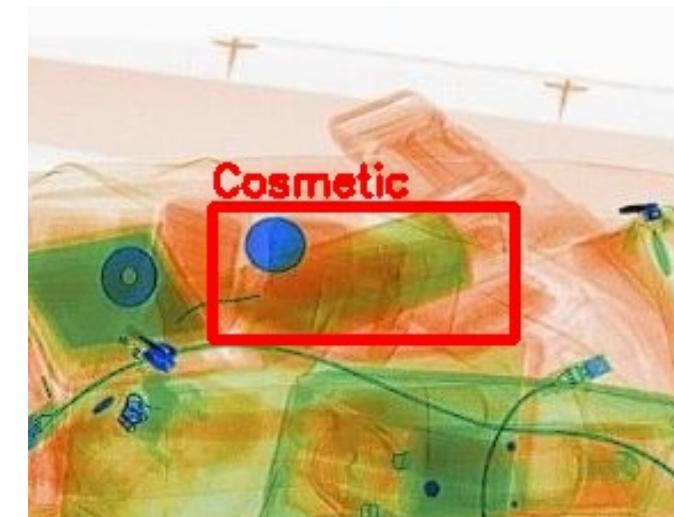
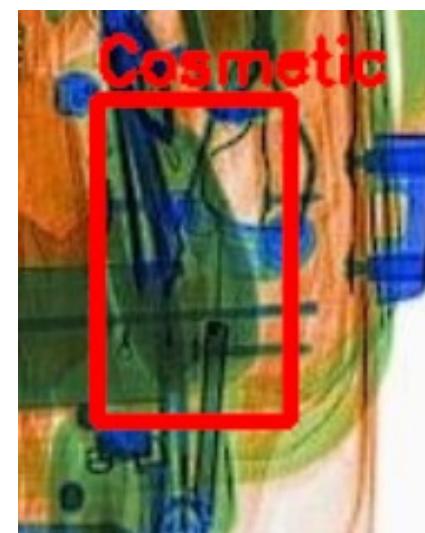
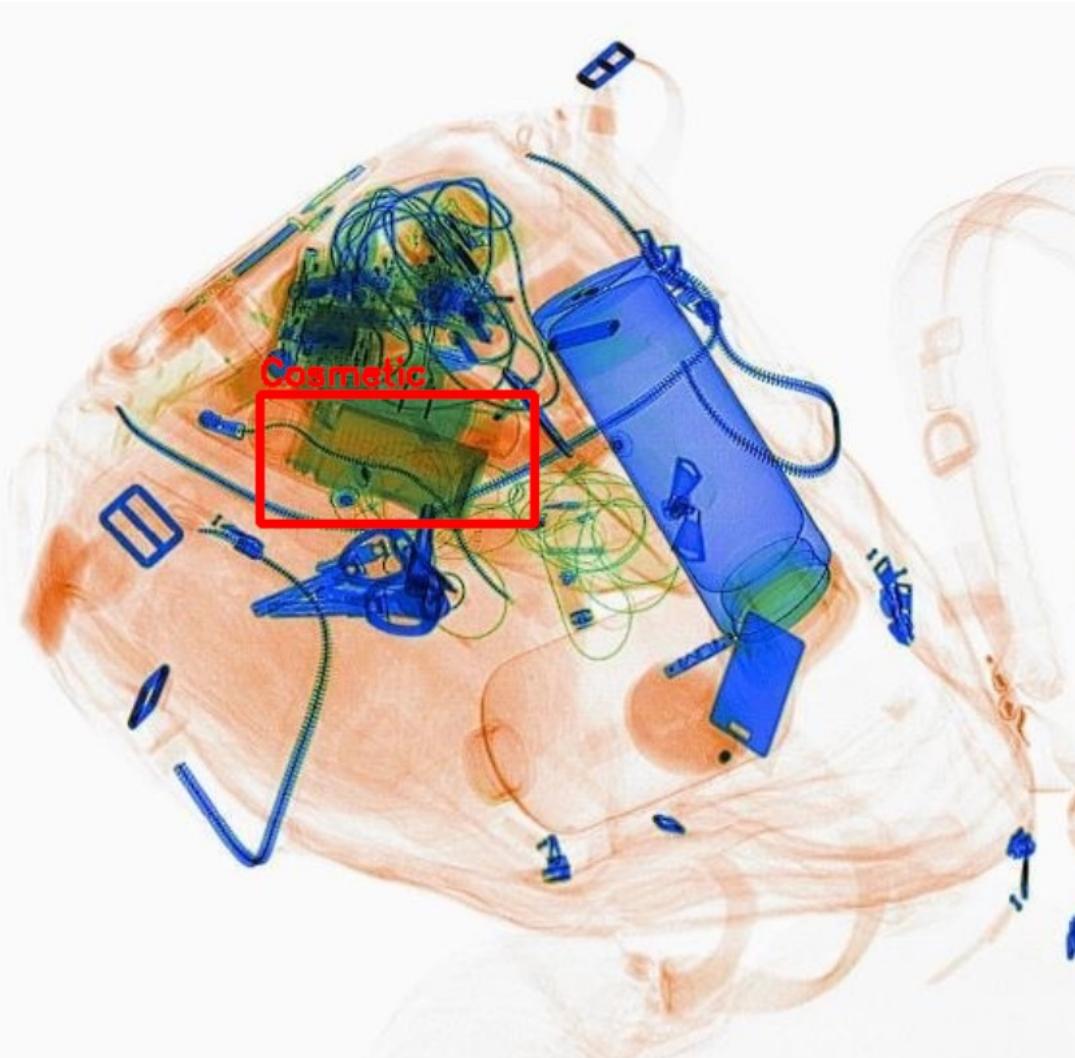
Cosmetic - Bad Example

遮挡严重



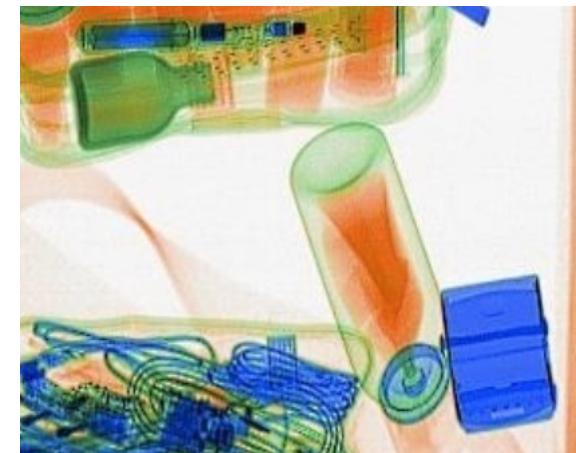
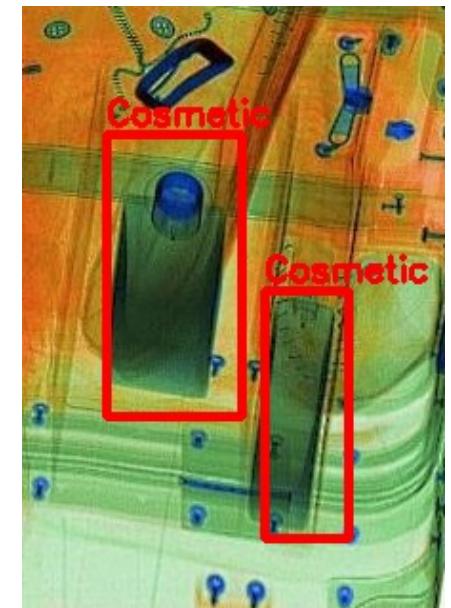
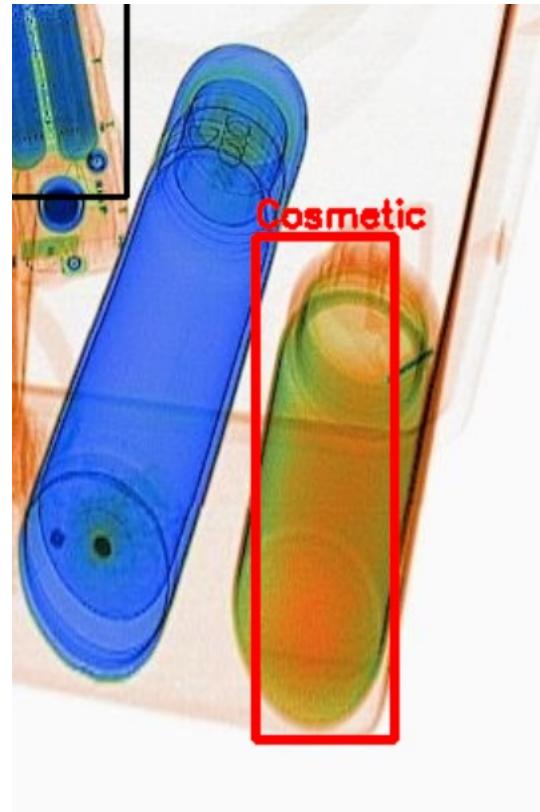
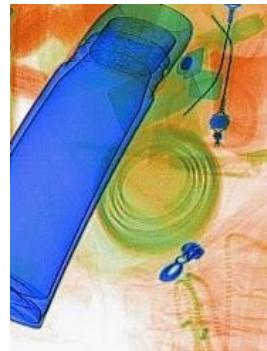
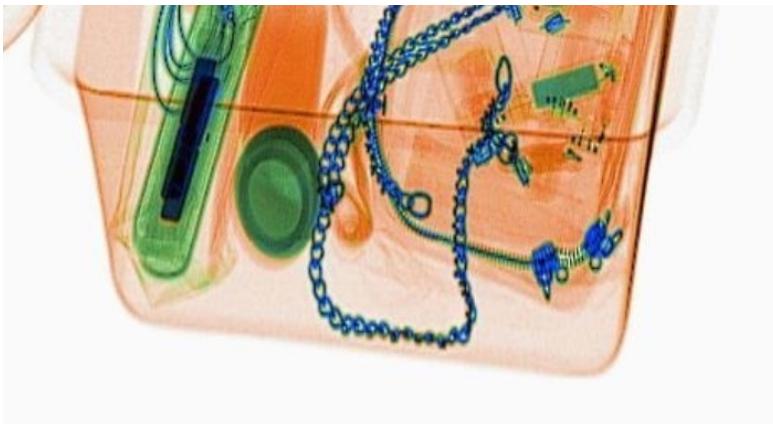
Cosmetic - Bad Example

遮挡严重



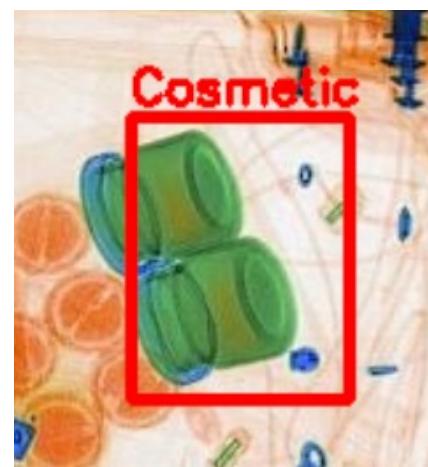
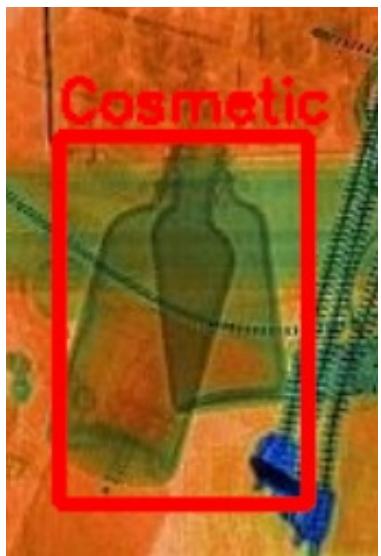
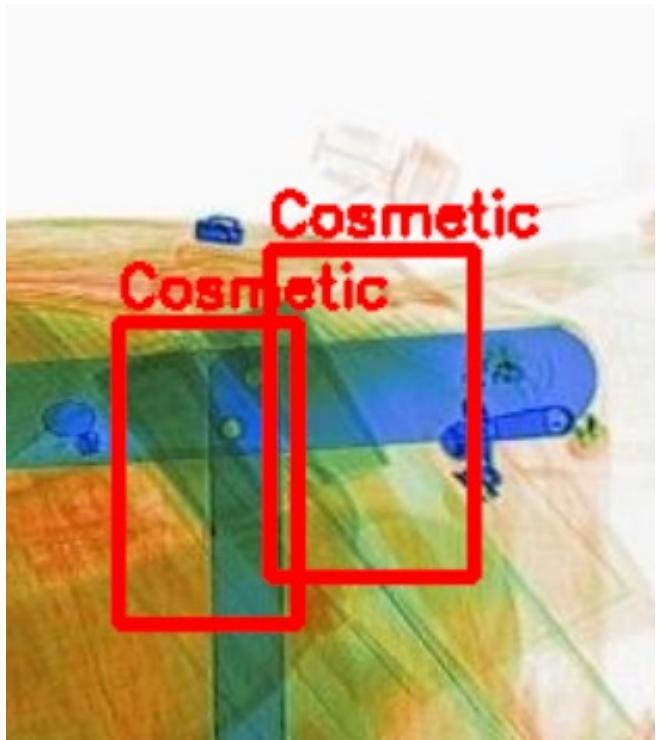
Cosmetic - Bad Example

形状与其他物品相近



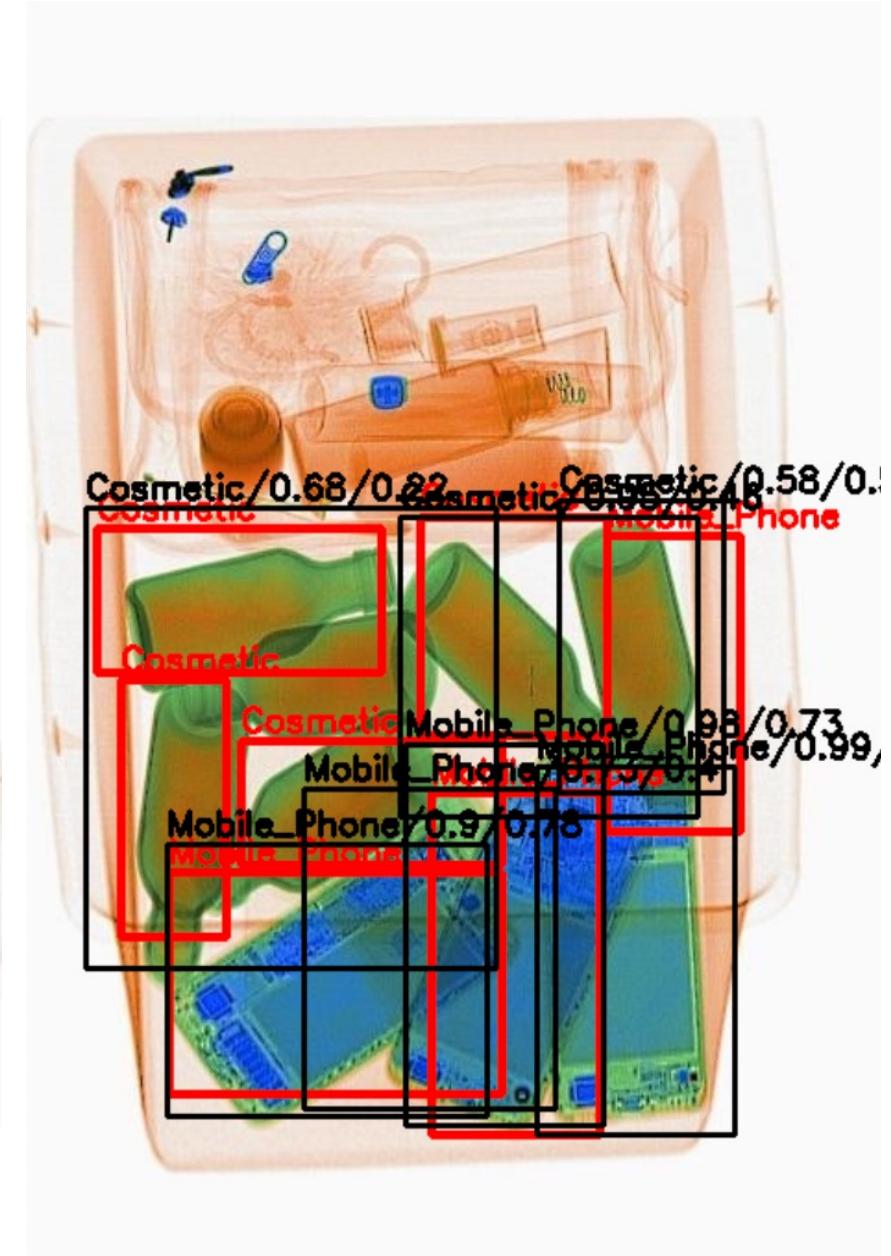
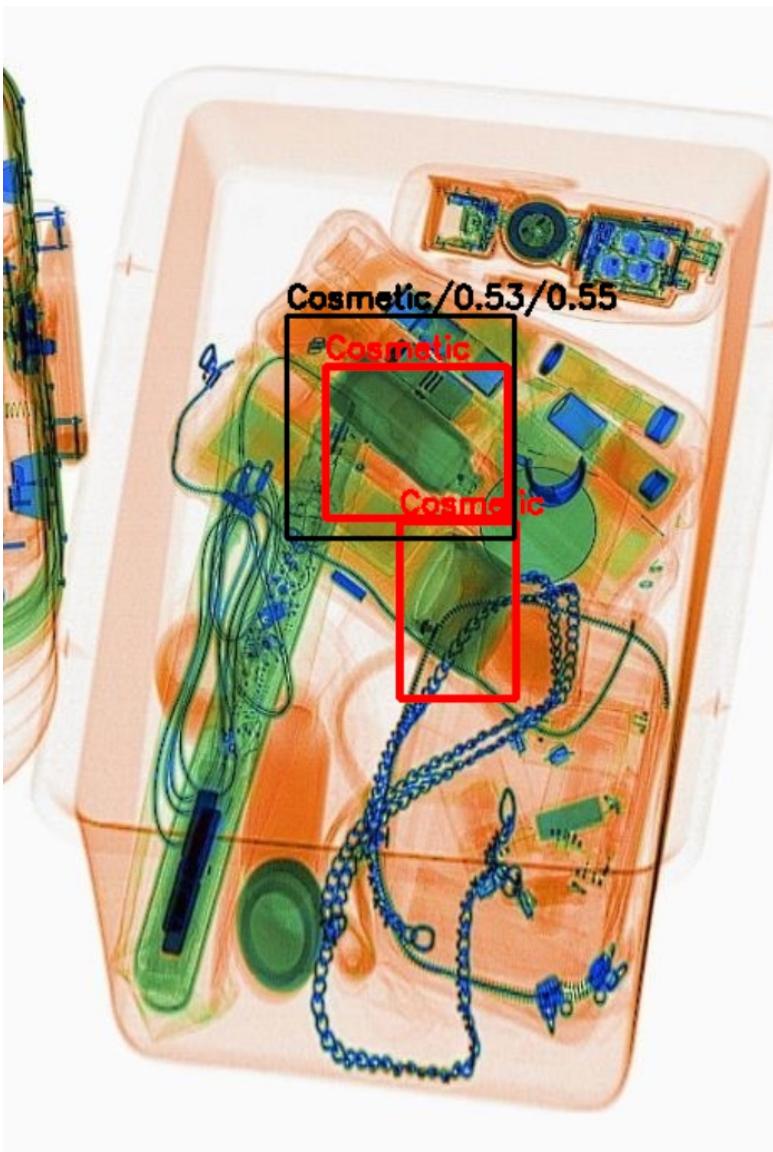
Cosmetic - Bad Example

标注可能有点问题

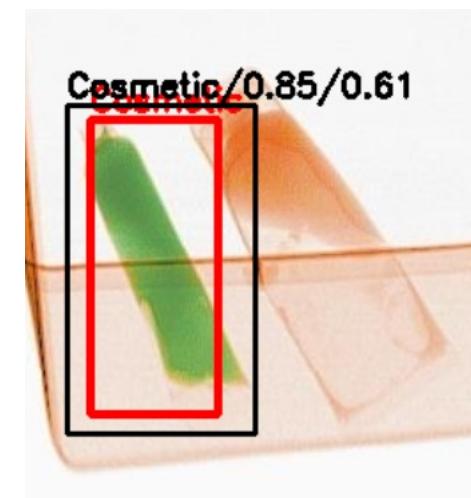
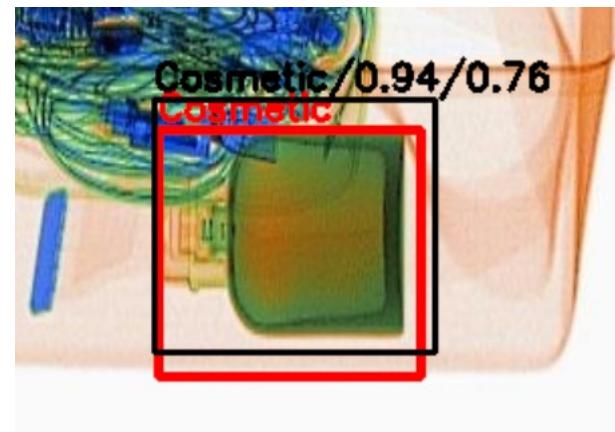
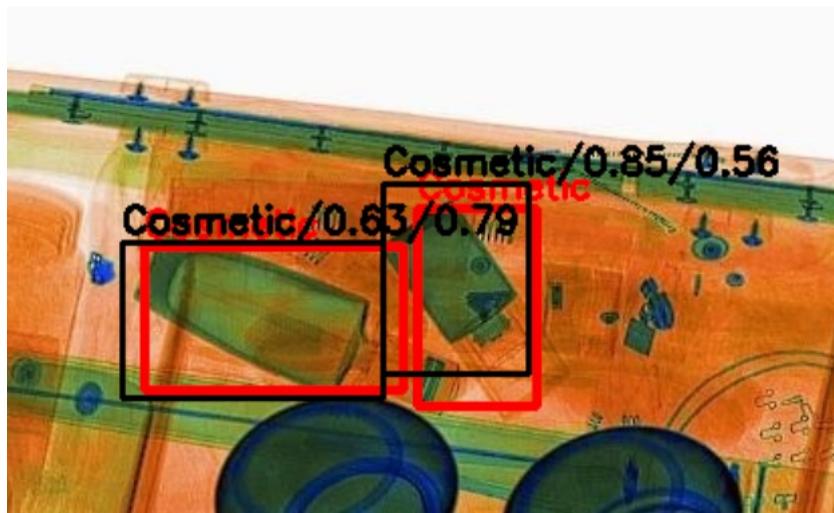


Cosmetic - Bad Example

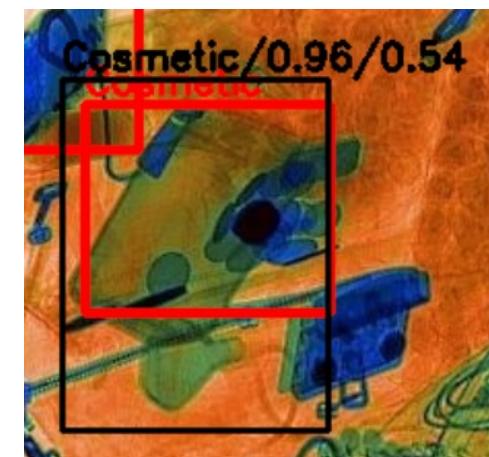
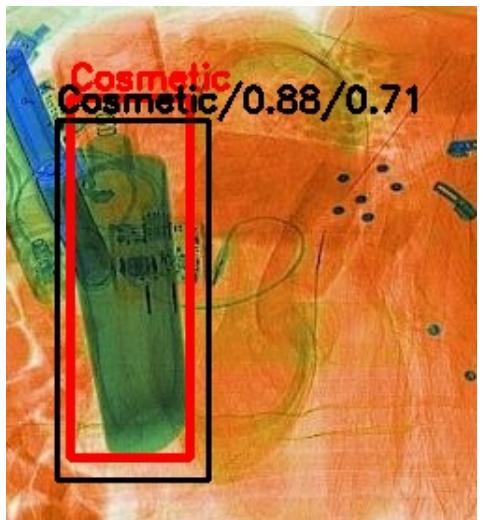
整体上的混乱



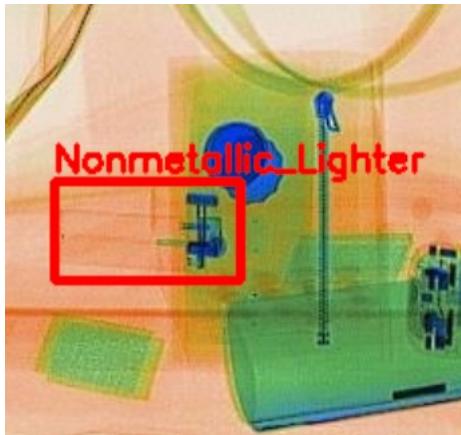
Cosmetic - Good Example



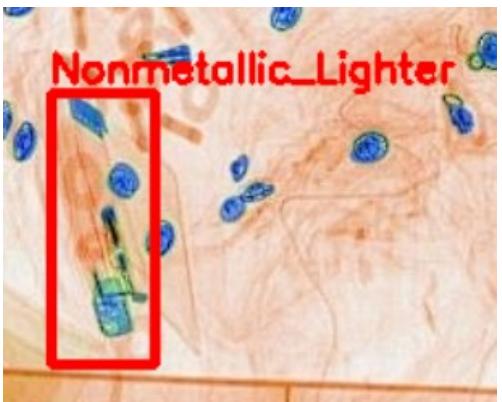
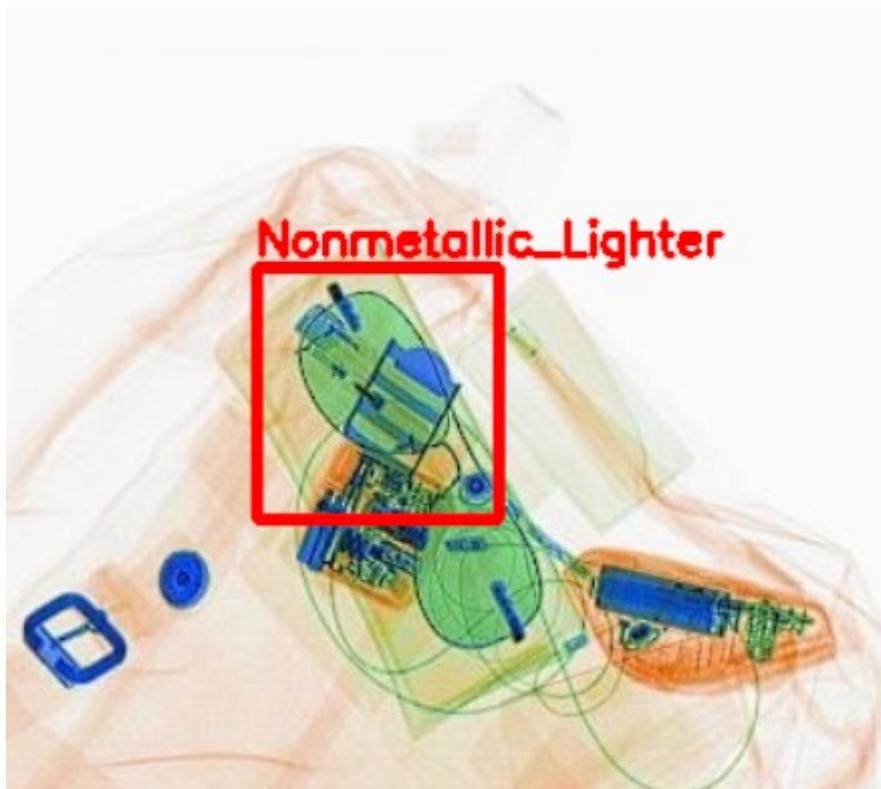
Cosmetic - Good Example



NL - Bad Example



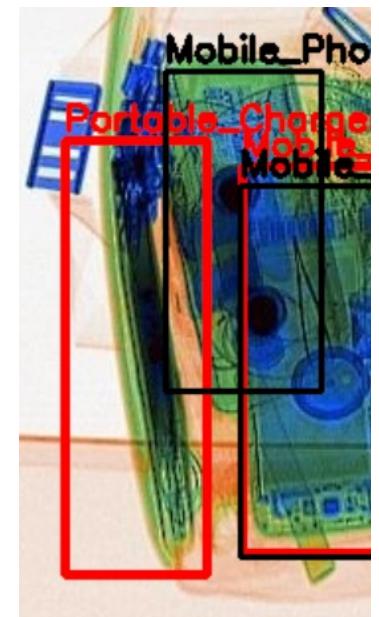
NL - Bad Example



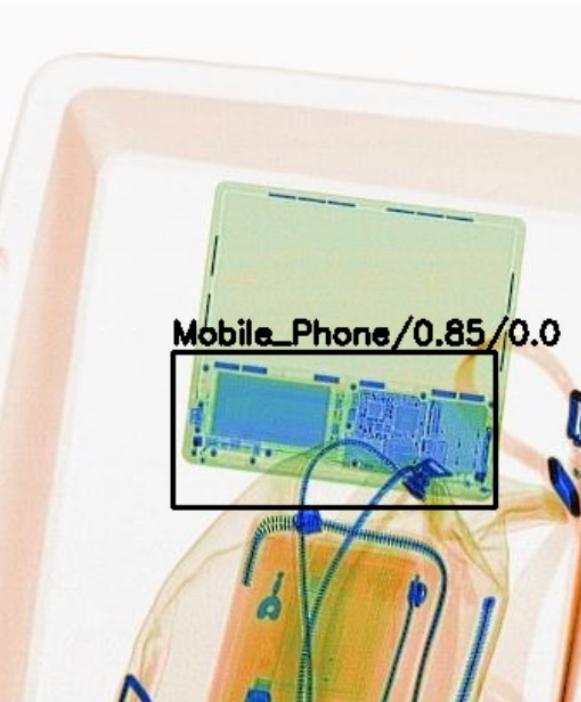
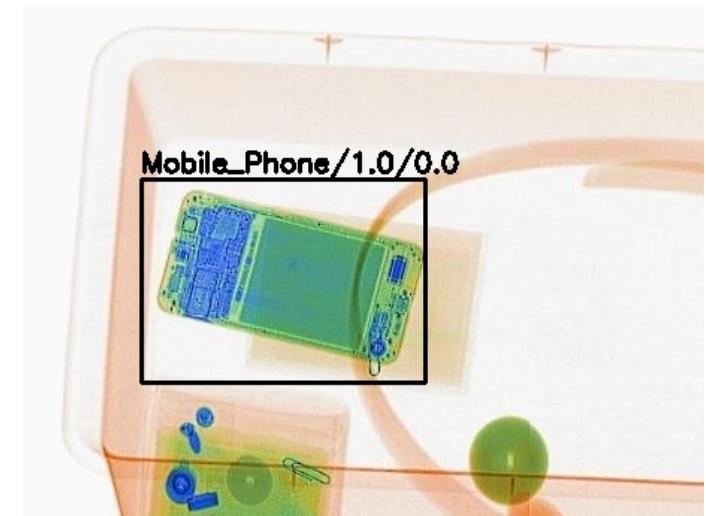
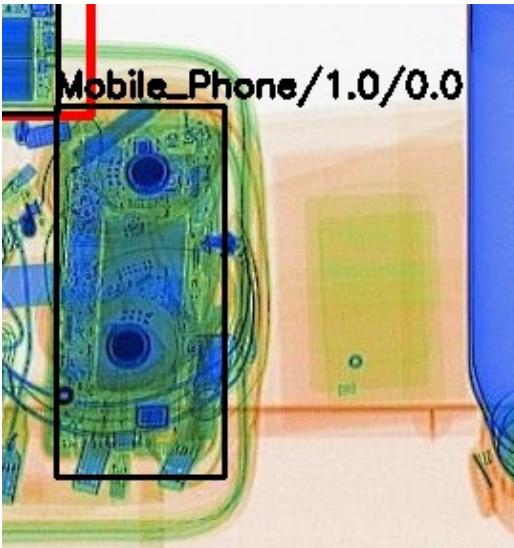
NL - Good Example



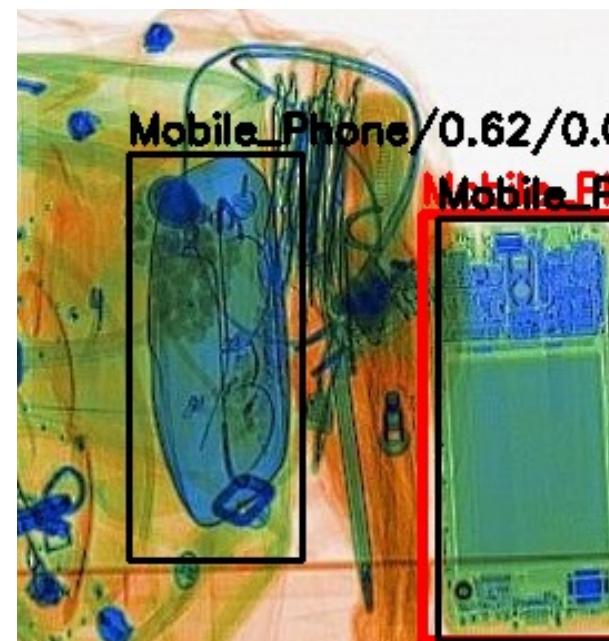
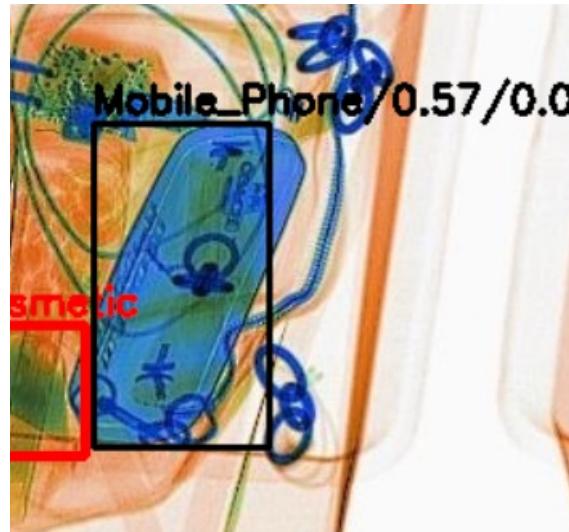
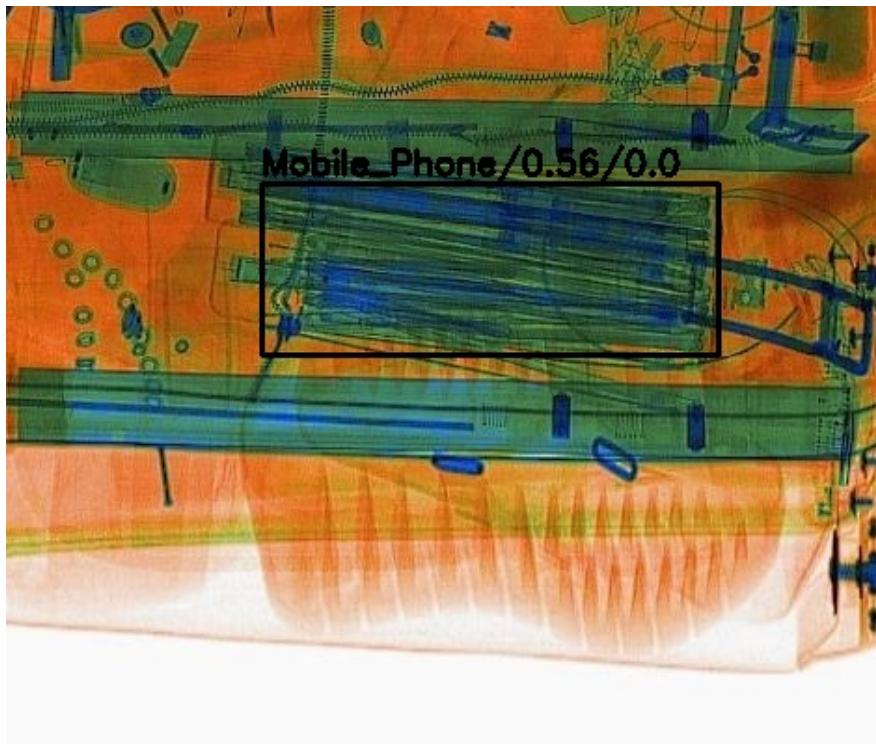
MB - Bad Example



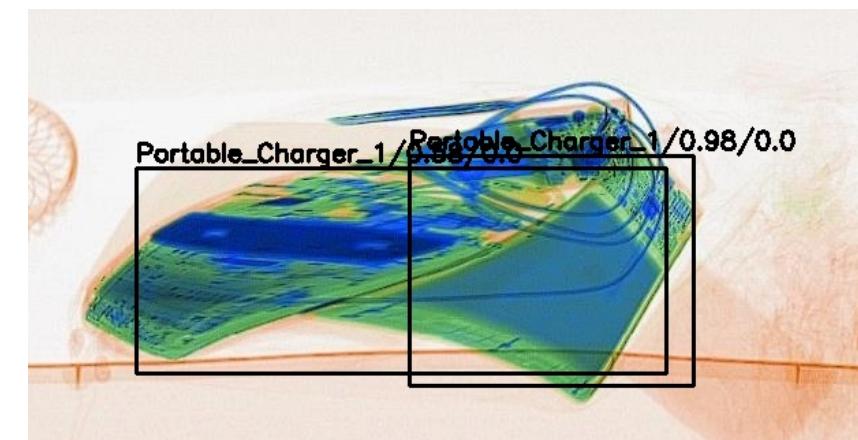
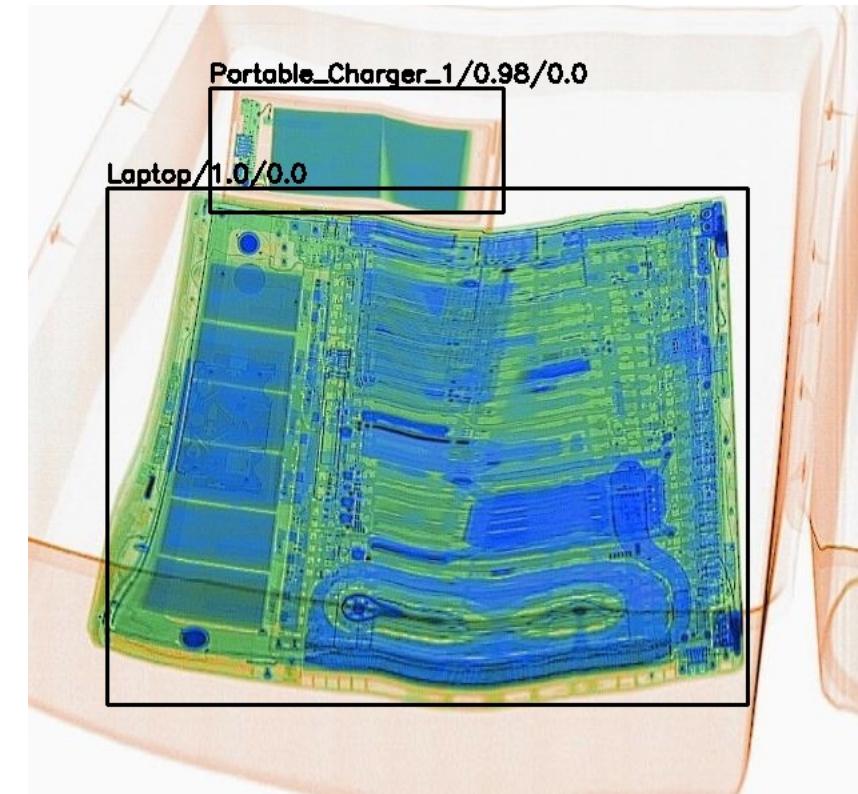
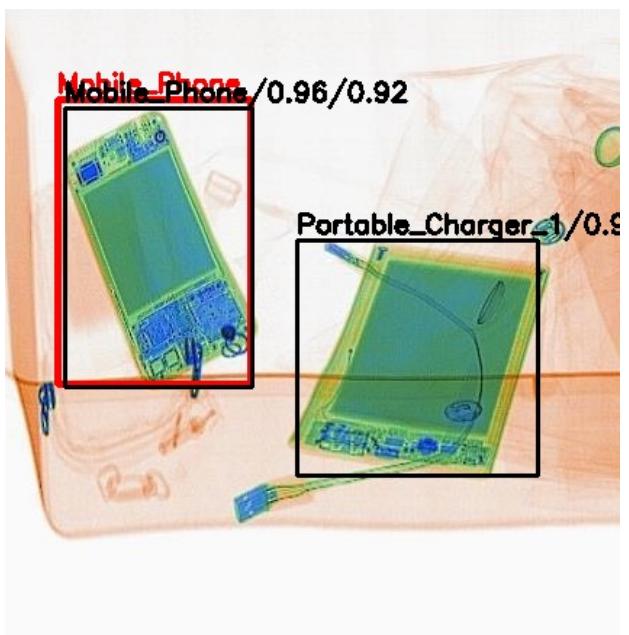
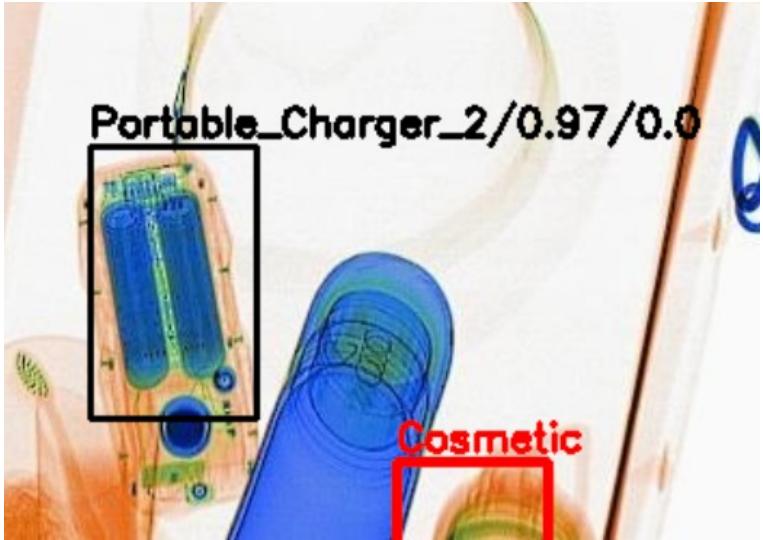
MB - Bad Example



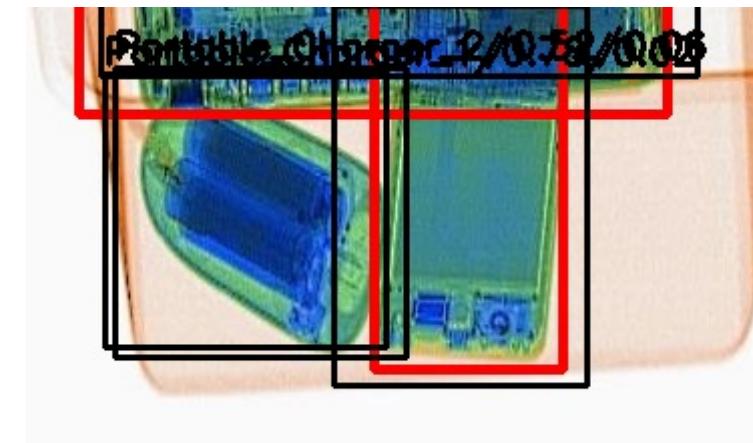
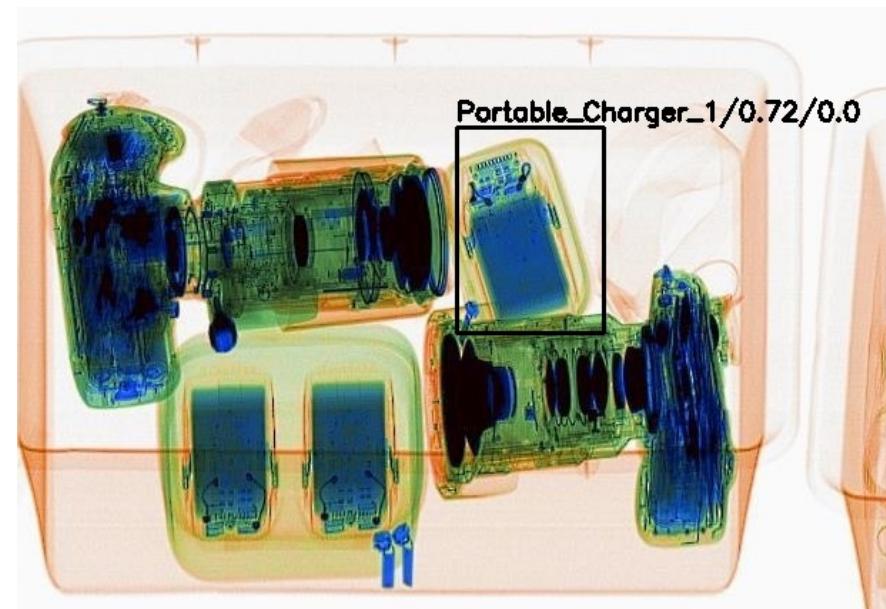
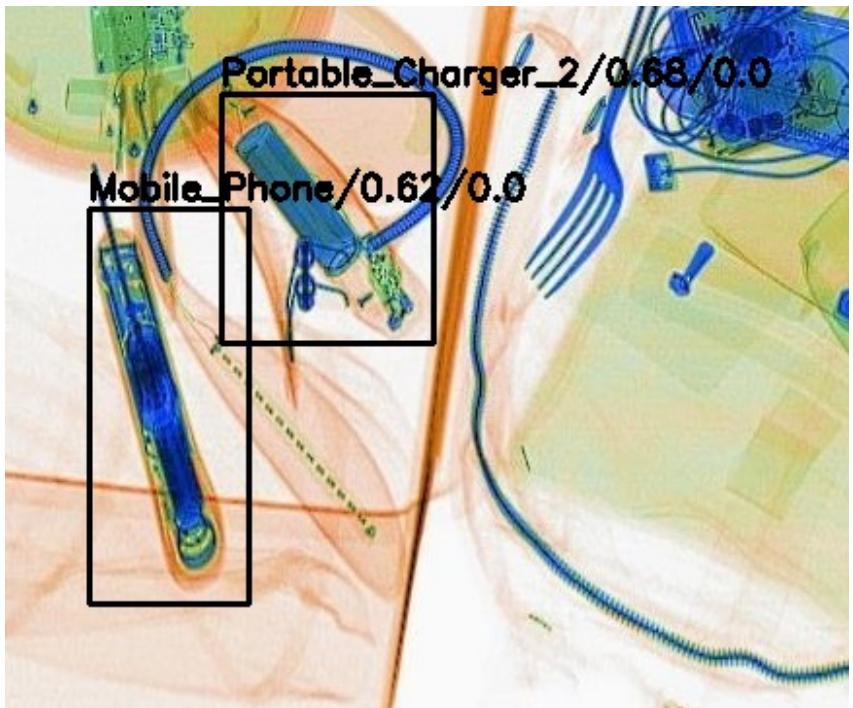
MB - Bad Example



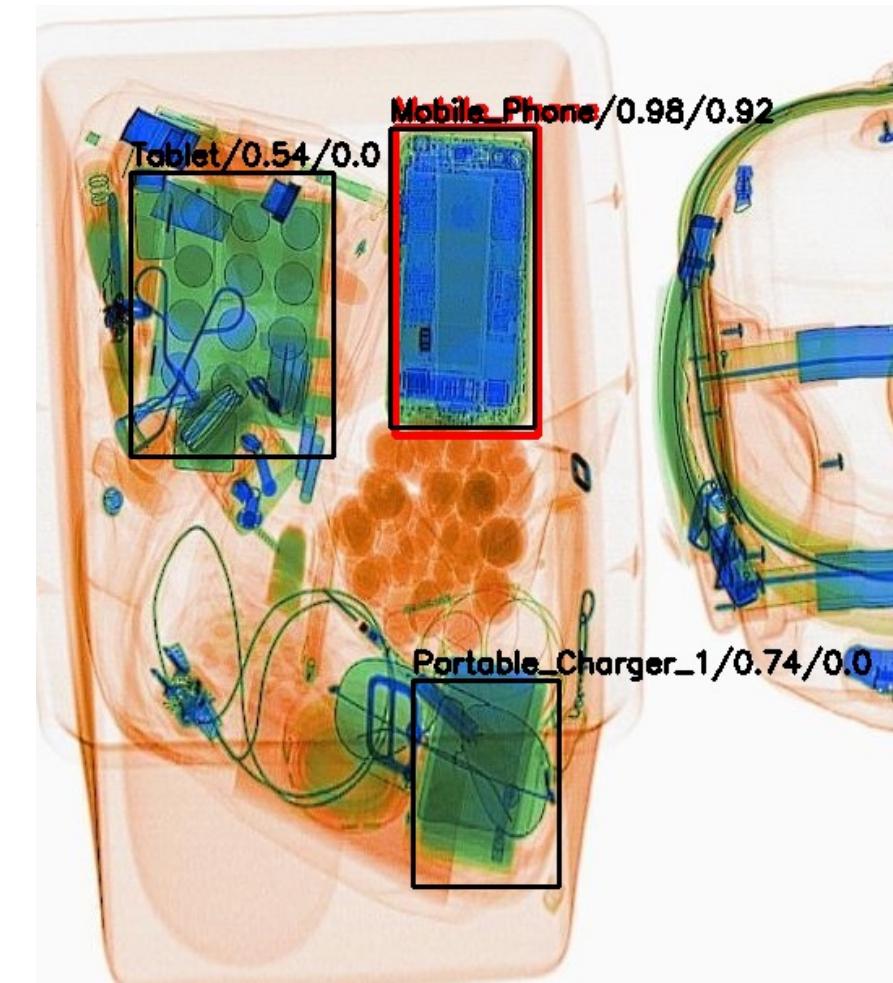
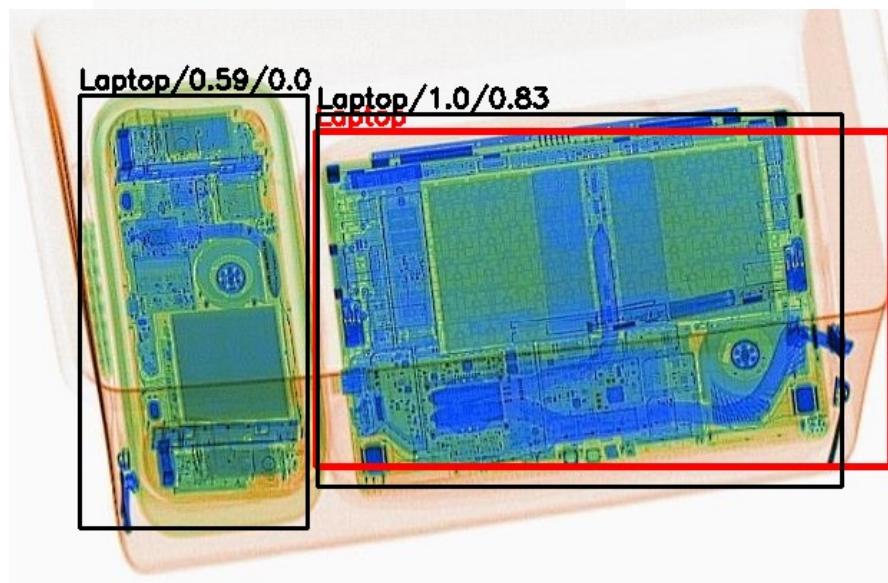
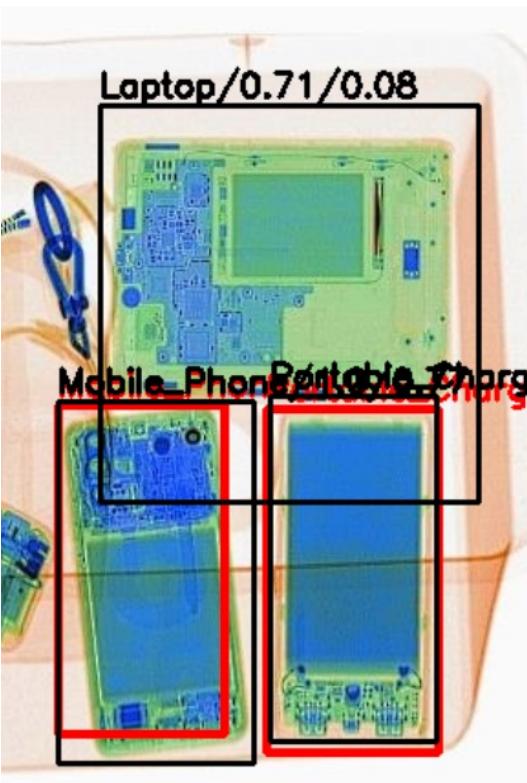
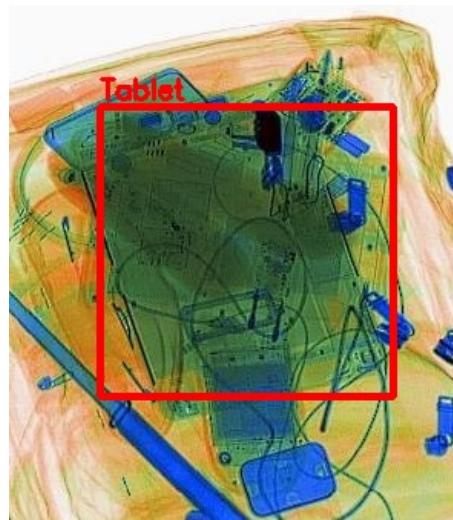
PC - Bad Example



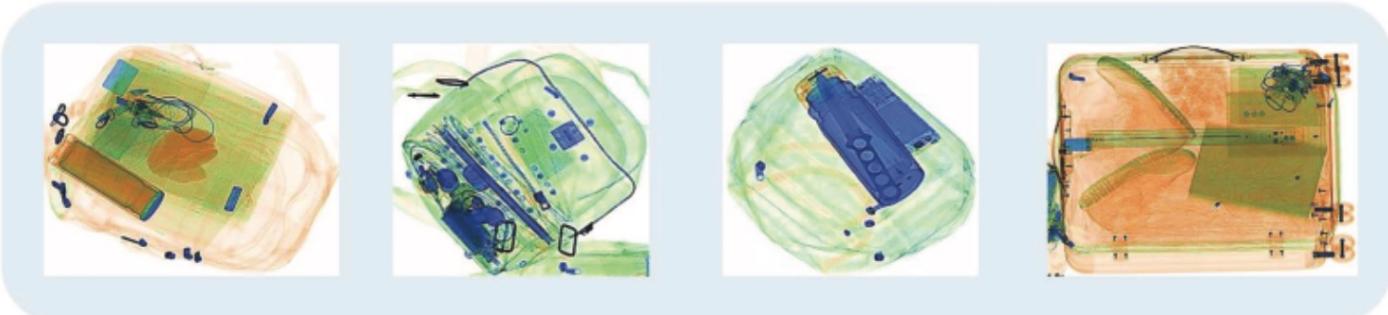
PC - Bad Example



Other - Bad Example



Original baggage



+



+



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Prohibited items

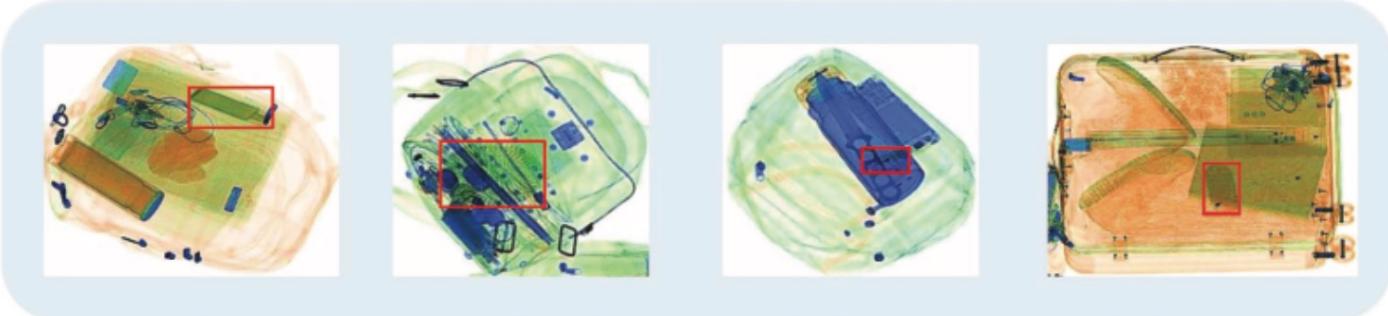
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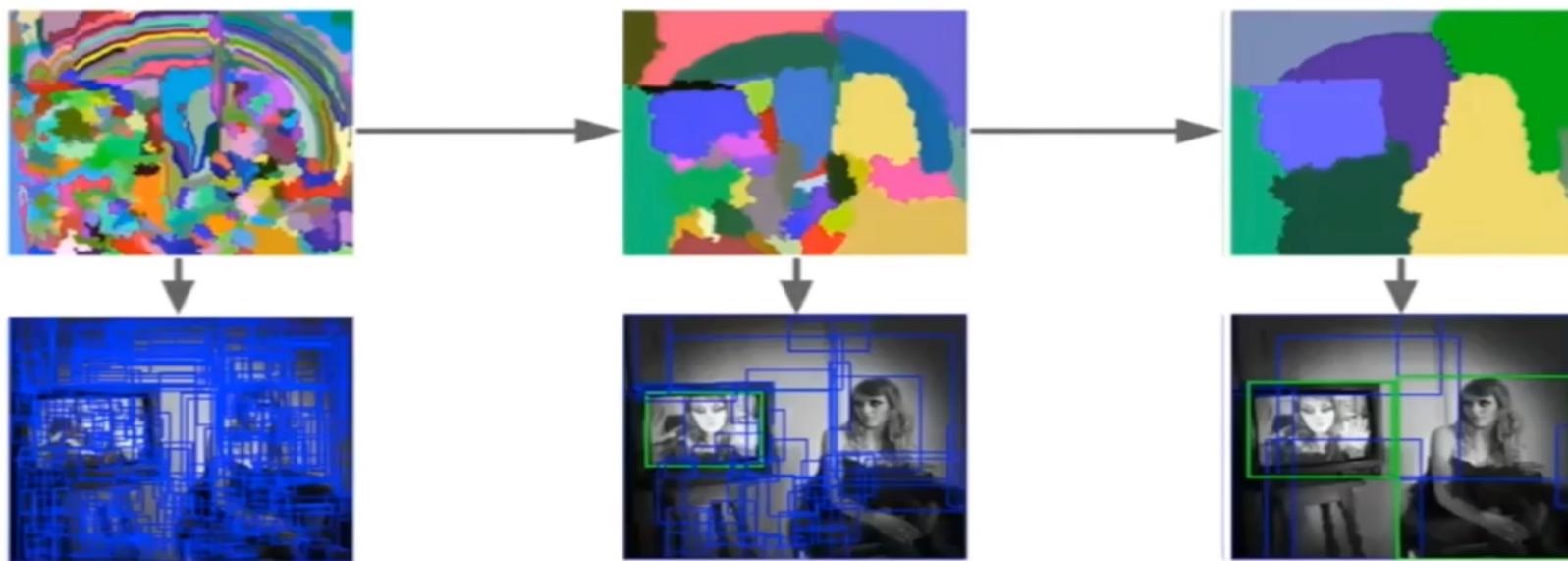
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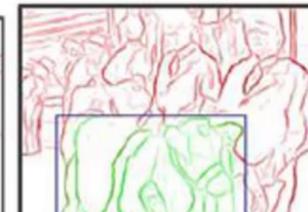
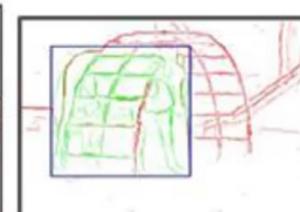
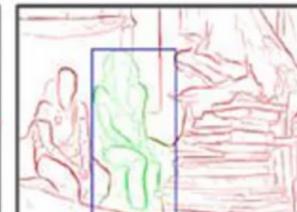
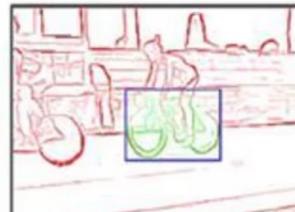
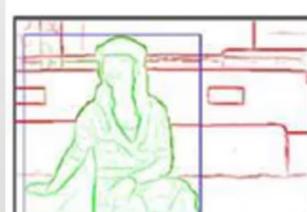
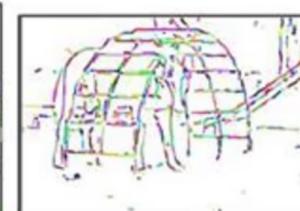
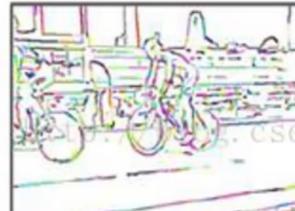
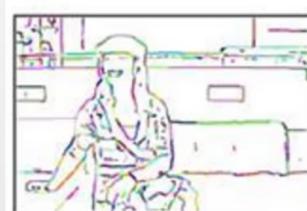
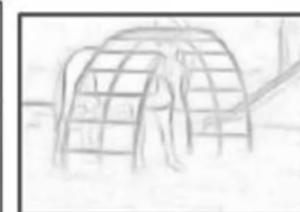
||

Synthesized image





Uijlings et al. "Selective Search for Object Recognition", IJCV 2013



- 1、先找到一个行李整体
- 2、抗重叠找到物体整体
- 3、对检测框中的物体进行评估

- 1、先确定一个行李作为整体的范围
- 2、再在行李范围内分大中小的检测框找到一些候选区域
- 3、然后候选区域输入分类网络中进行识别

- 1、先确定一个行李作为整体的范围
- 2、通过类专用的识别器产生这个类的候选框
- 3、候选框输入网络中提取特征，除去重叠部分的干扰
- 4、去重后再输入专用分类器进行识别

