

Overall, the first object detection method, YOLO, was quick to analyze an image and determine the objects. However, its average confidence for all images was quite low. RCNN, on the other hand, took much longer to run through each object, performing about 8x slower than YOLO. In compensation, RCNN had a much better average confidence for each image. YOLO also detected fewer objects than RCNN, and was much worse at identifying objects in a messy environment like the school classroom.