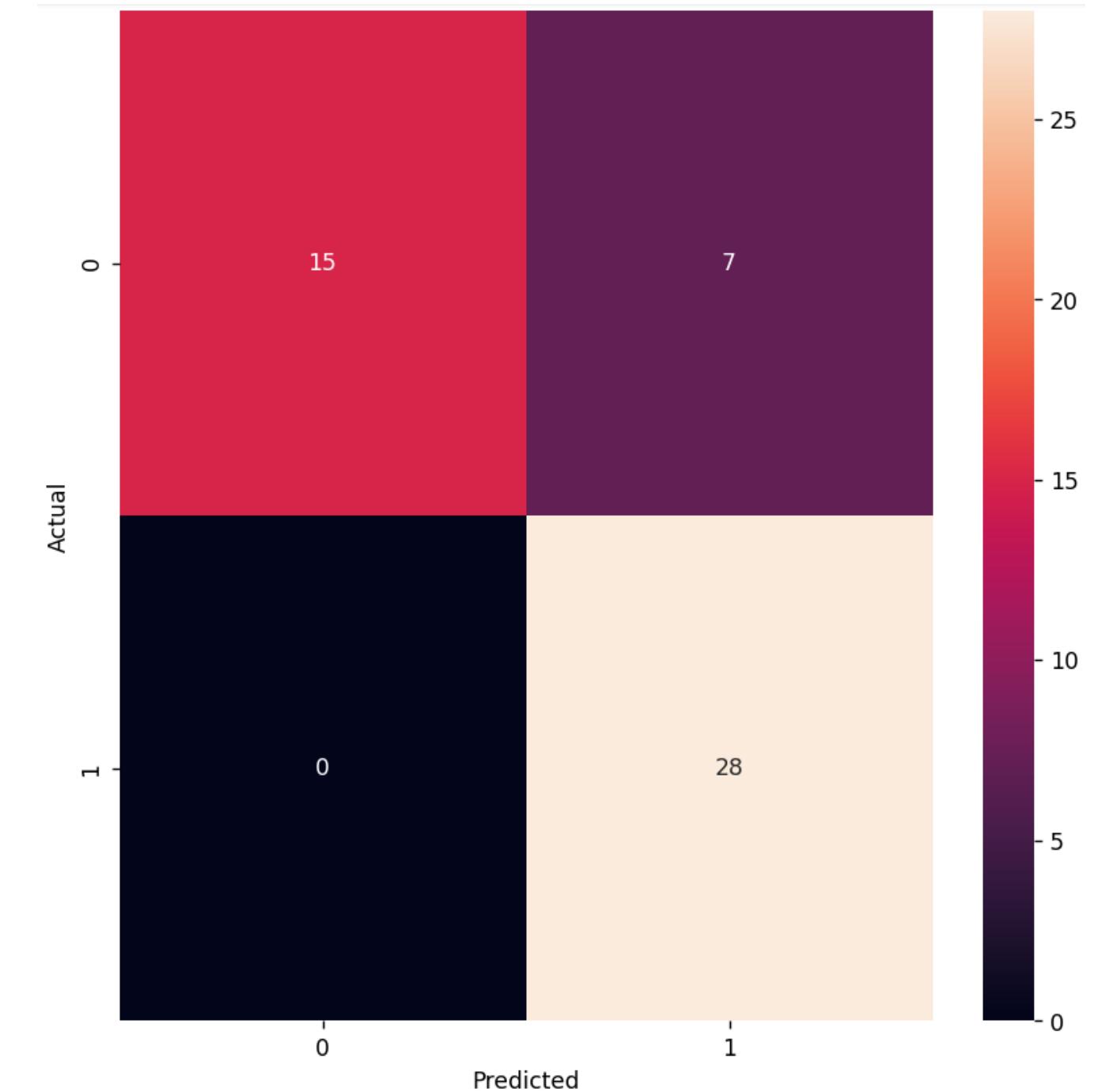




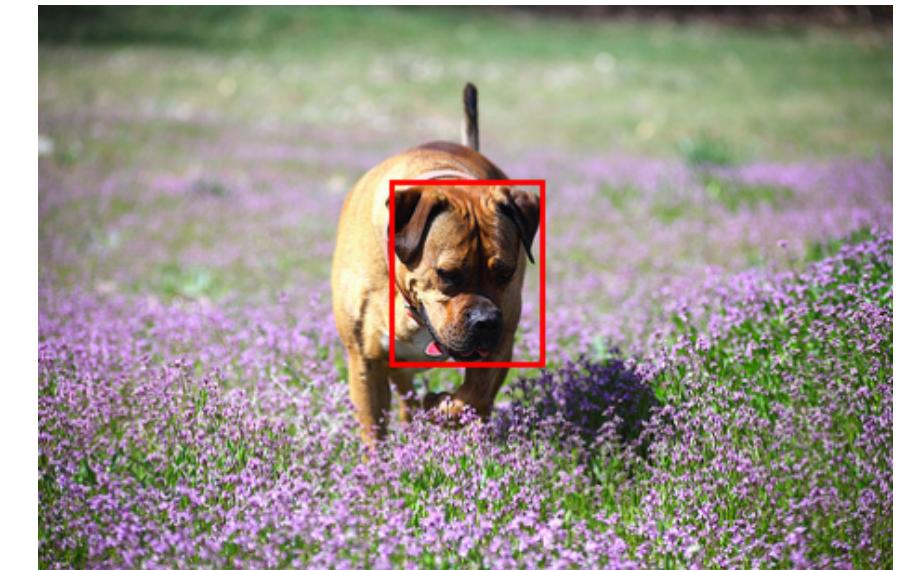
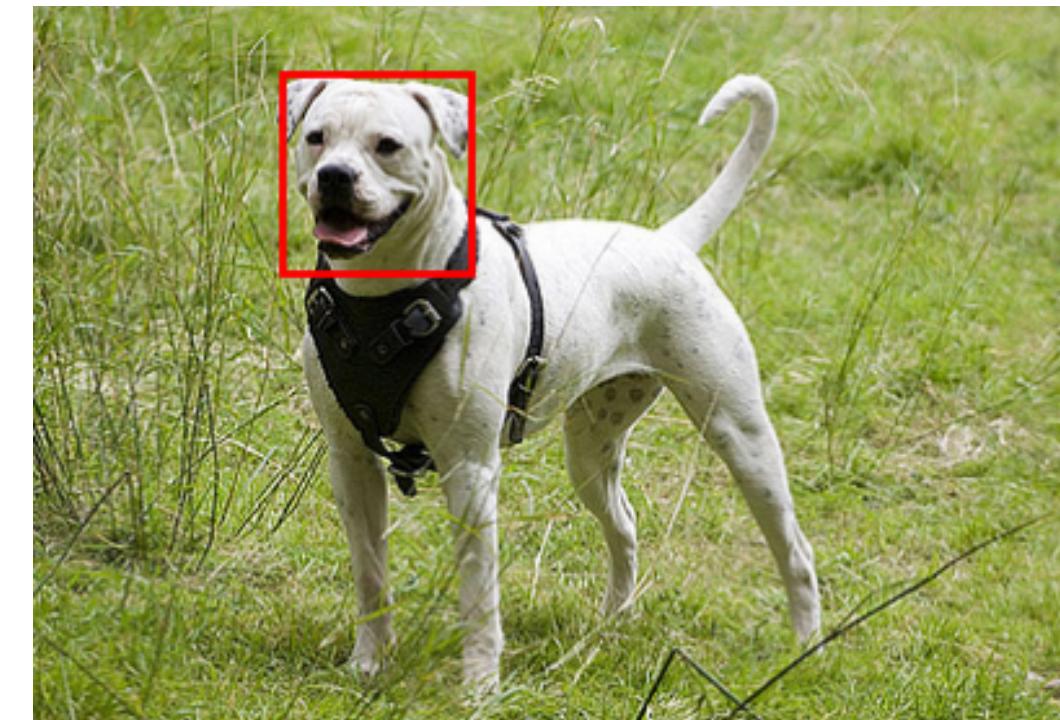
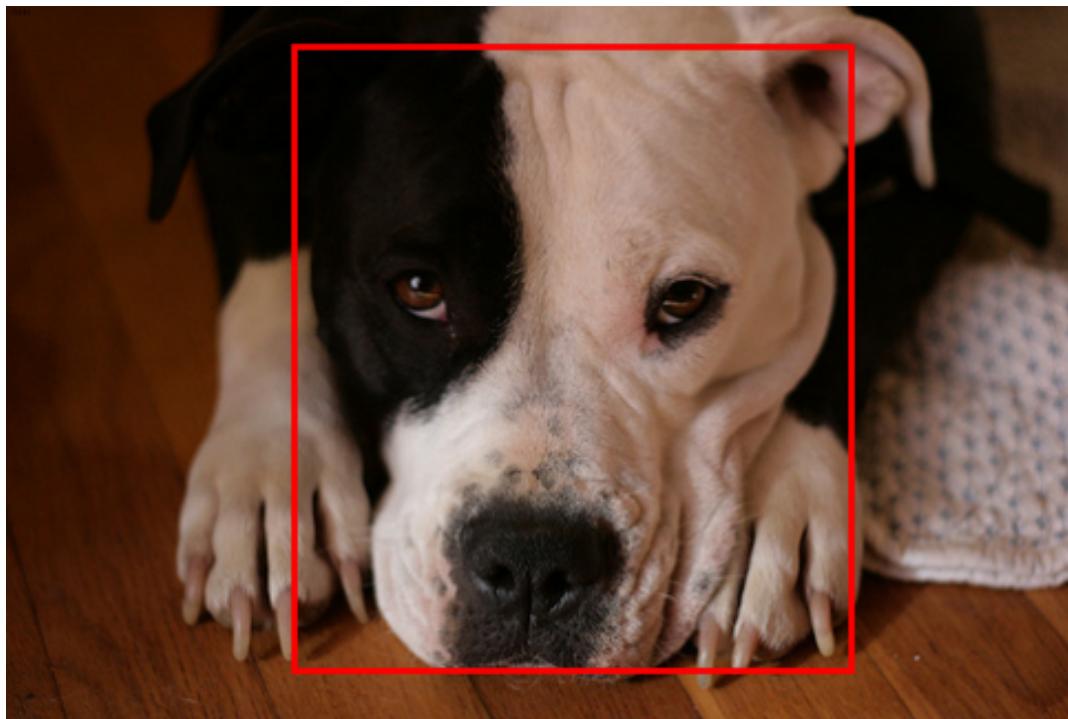
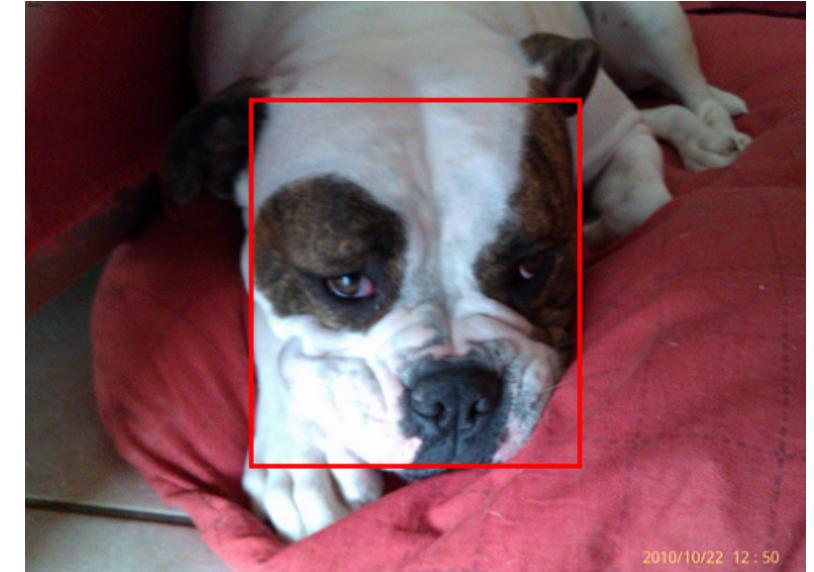
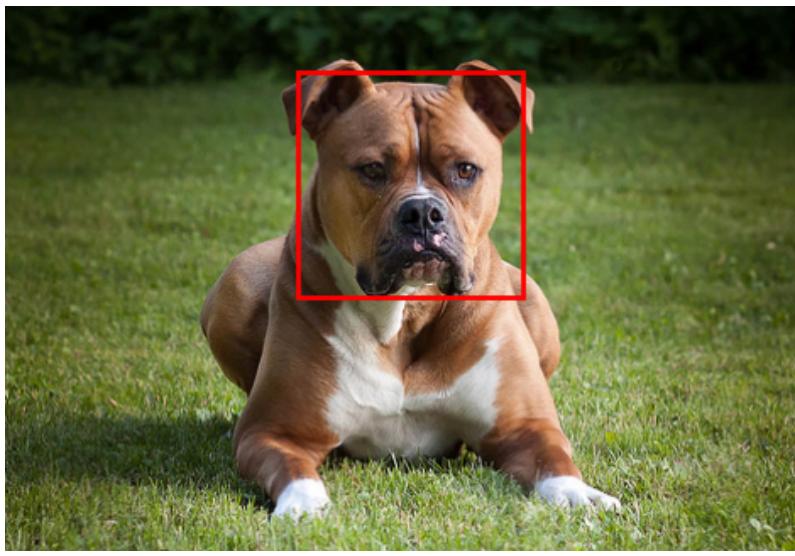
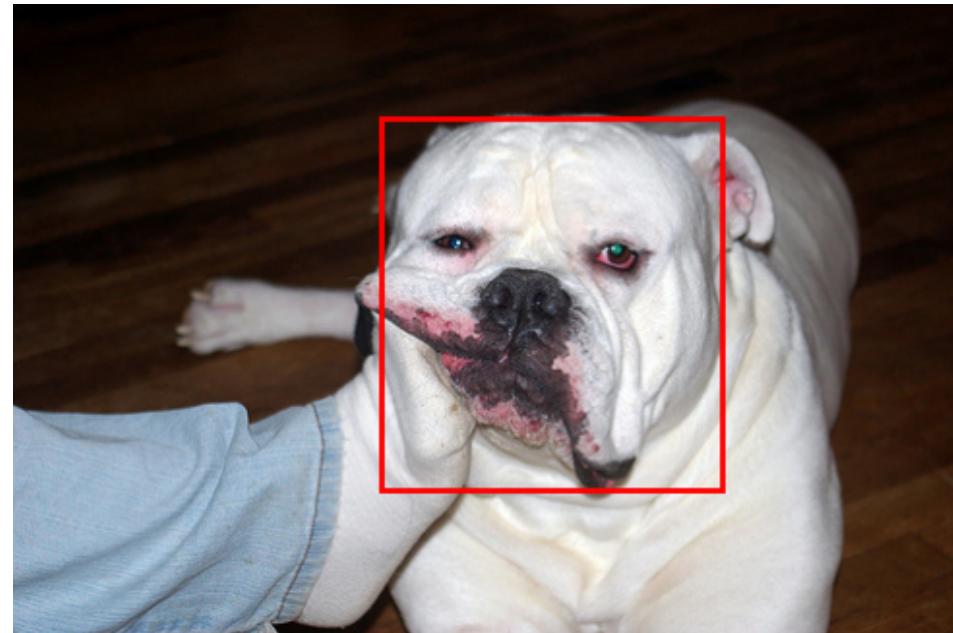
# **Анализ результатов и качества модели**

# Матрица ошибок

Имеется 7 False Positive  
результатов, но ни одного  
False Negative



# Примеры False Positive



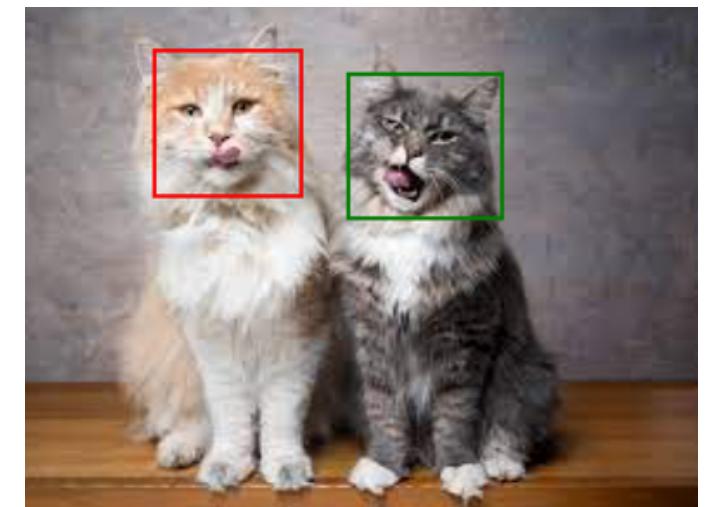
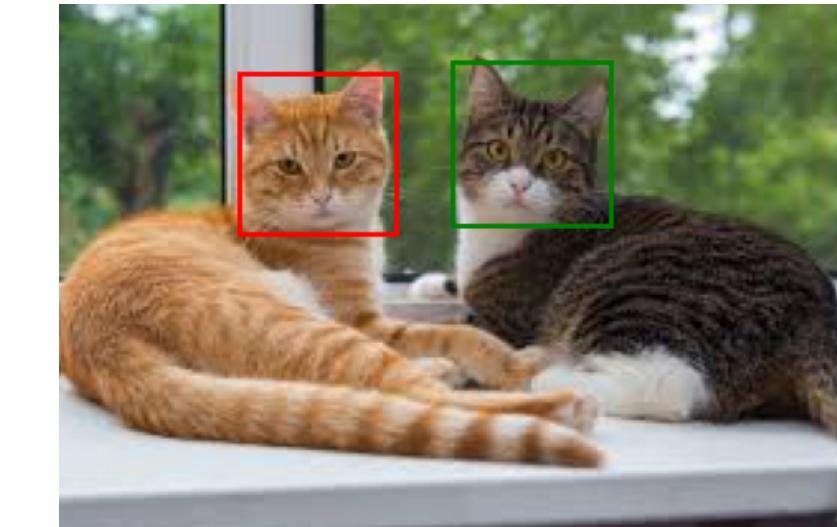
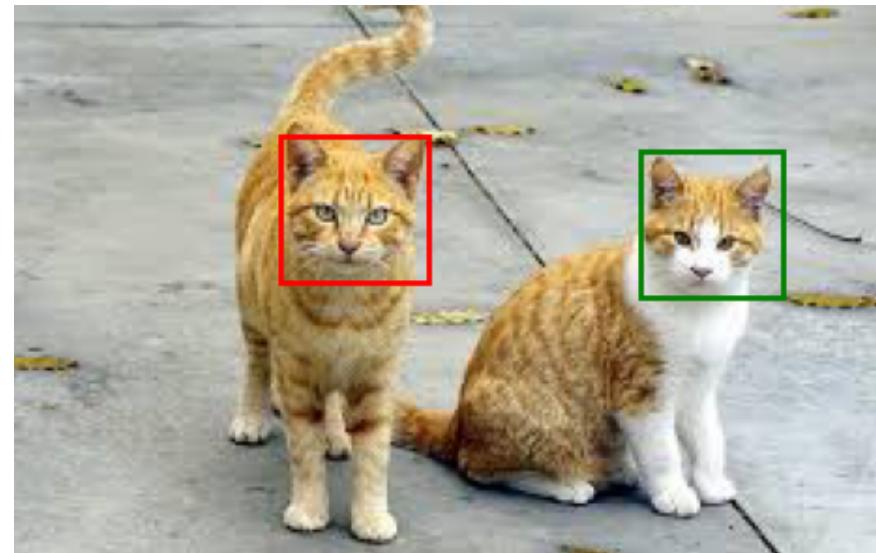
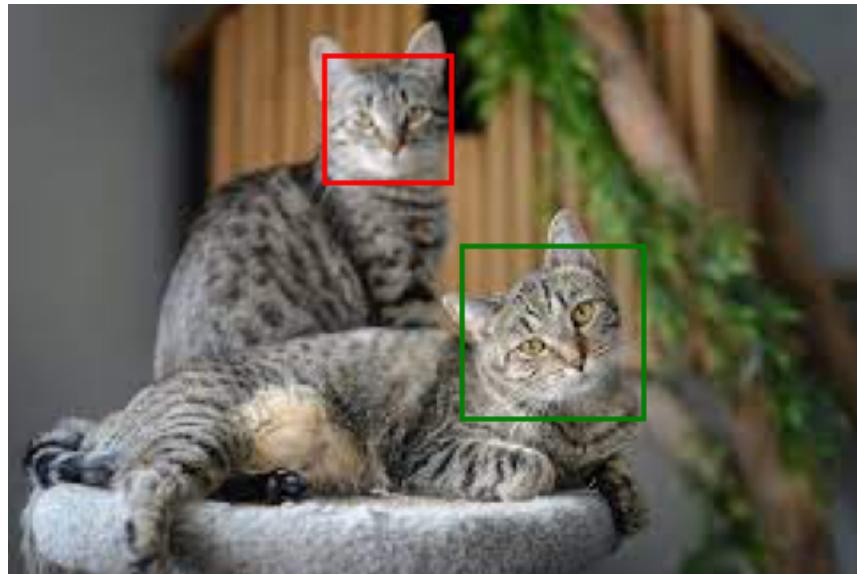
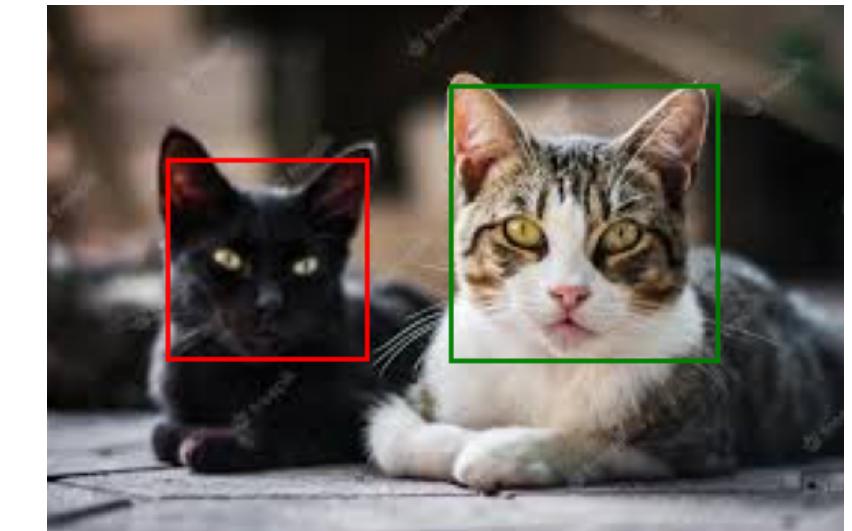
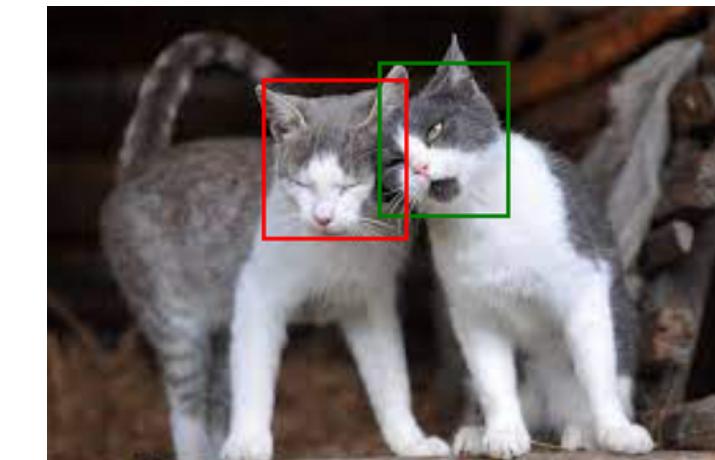
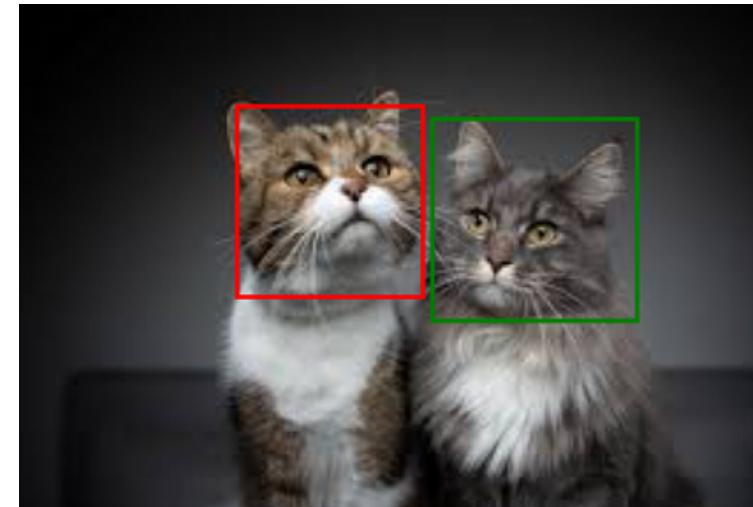
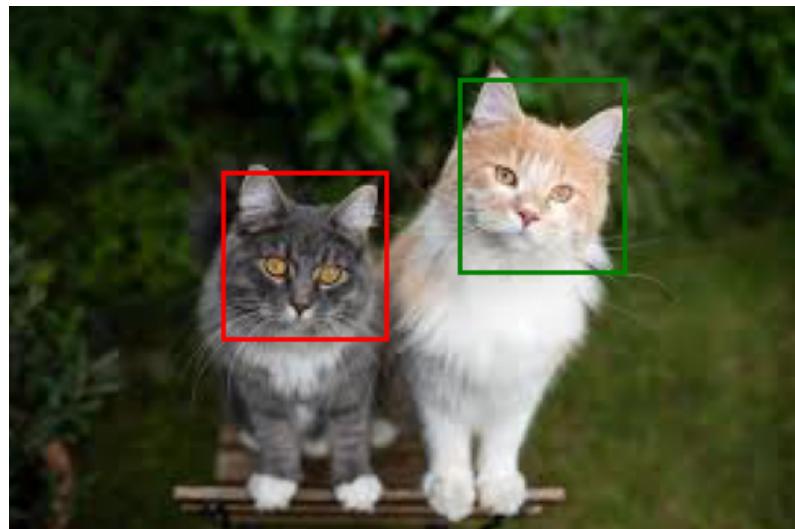


**Среднее значение метрики**

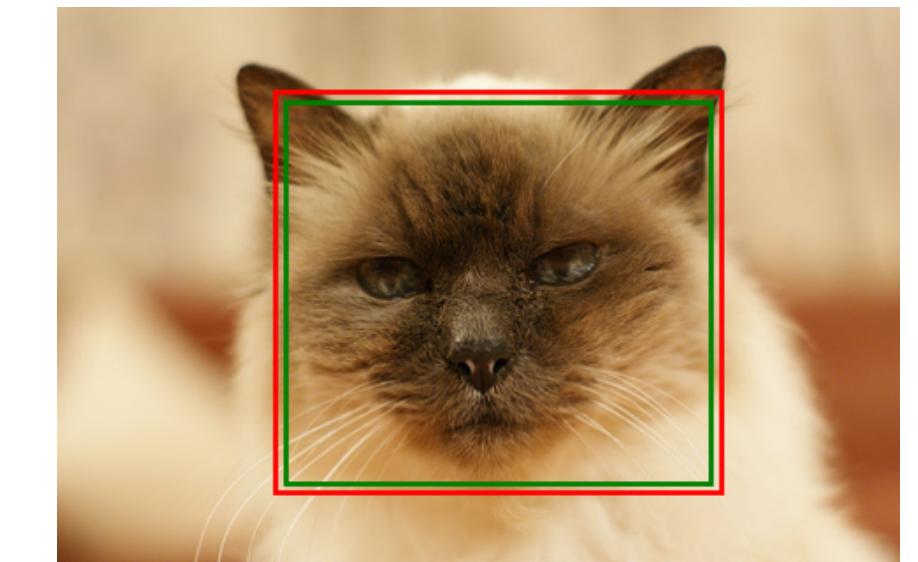
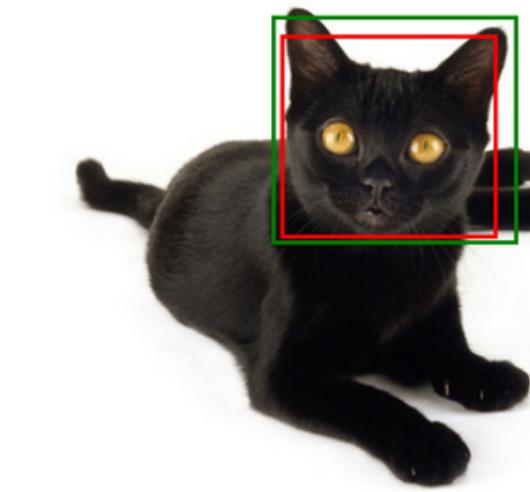
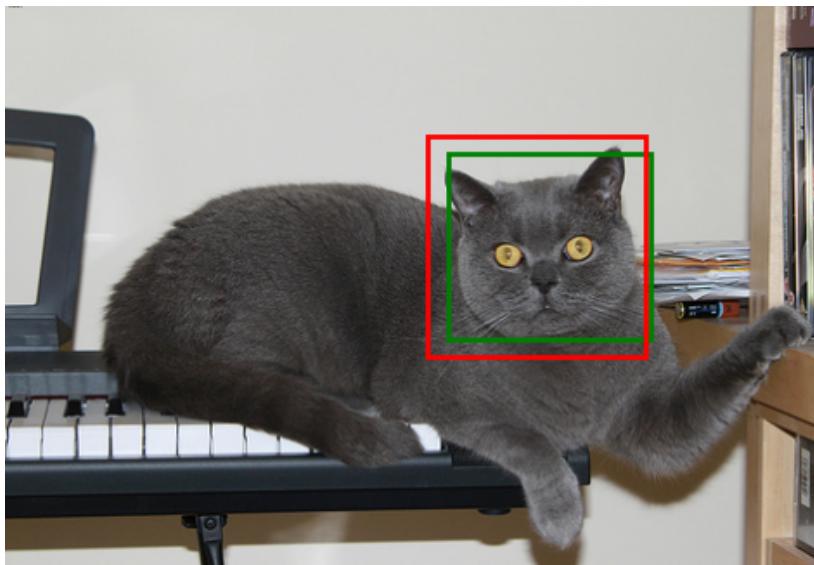
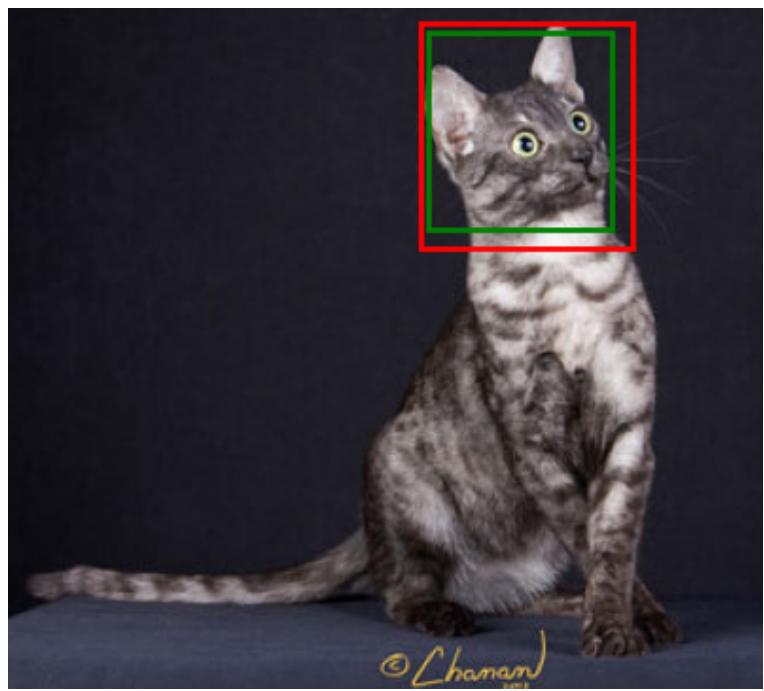
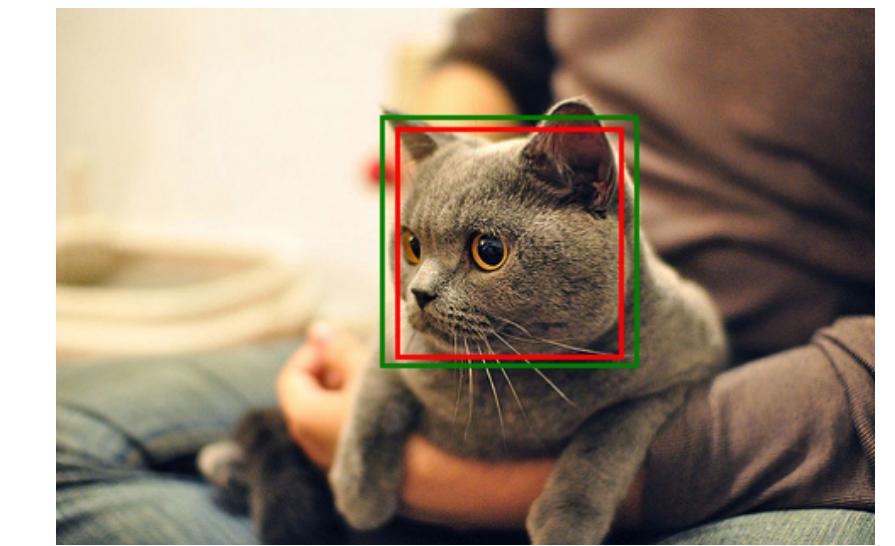
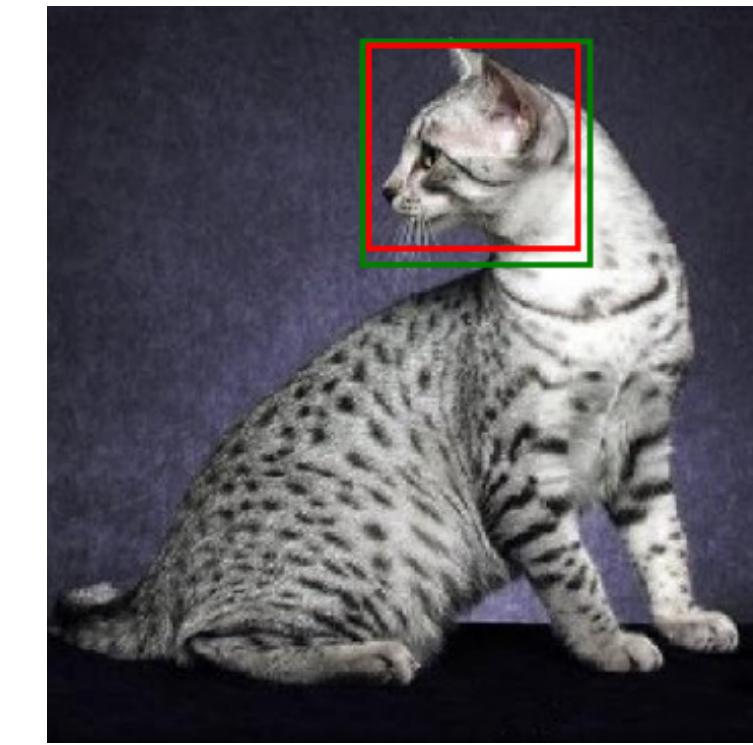
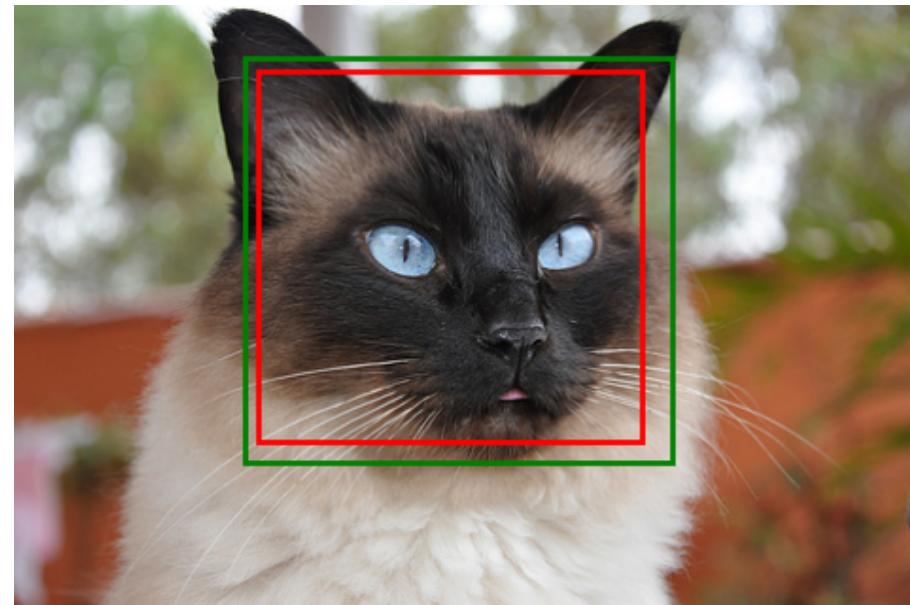
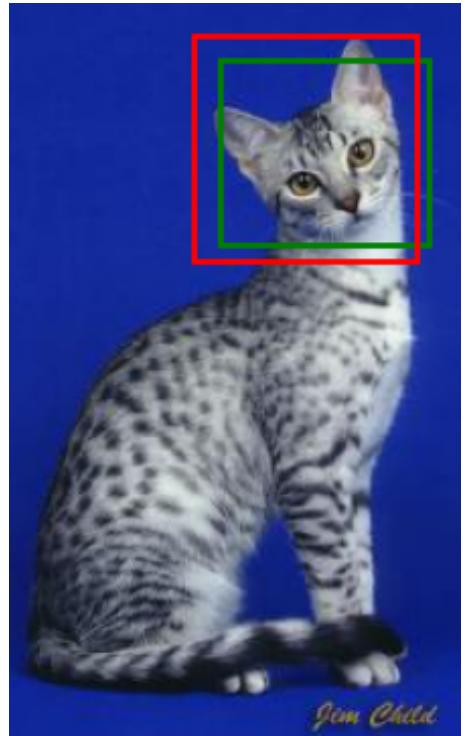
**Intersection Over Union**

**составило 0.5825**

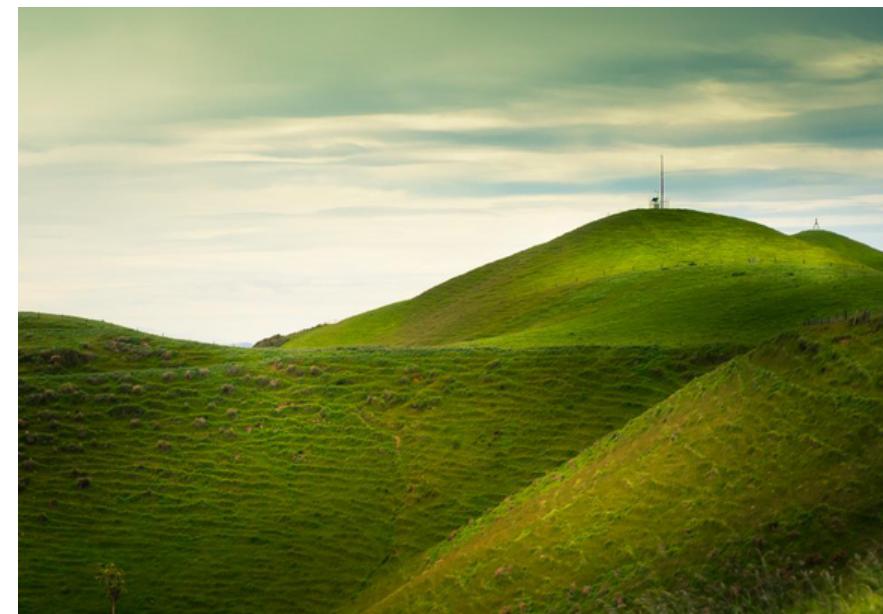
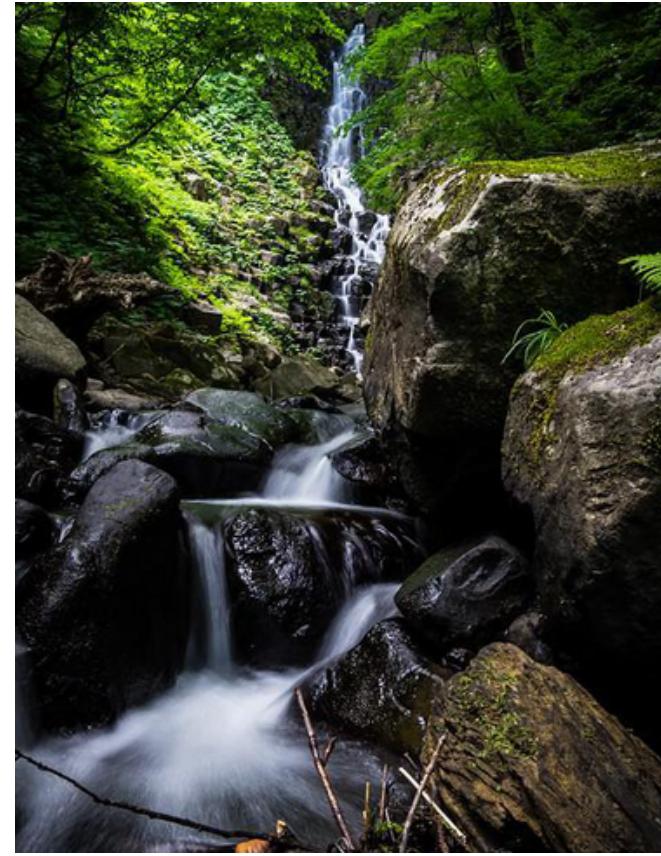
# Примеры с низким IOU



# Среднее значение IOU без двух объектов на изображении составило 0.8107



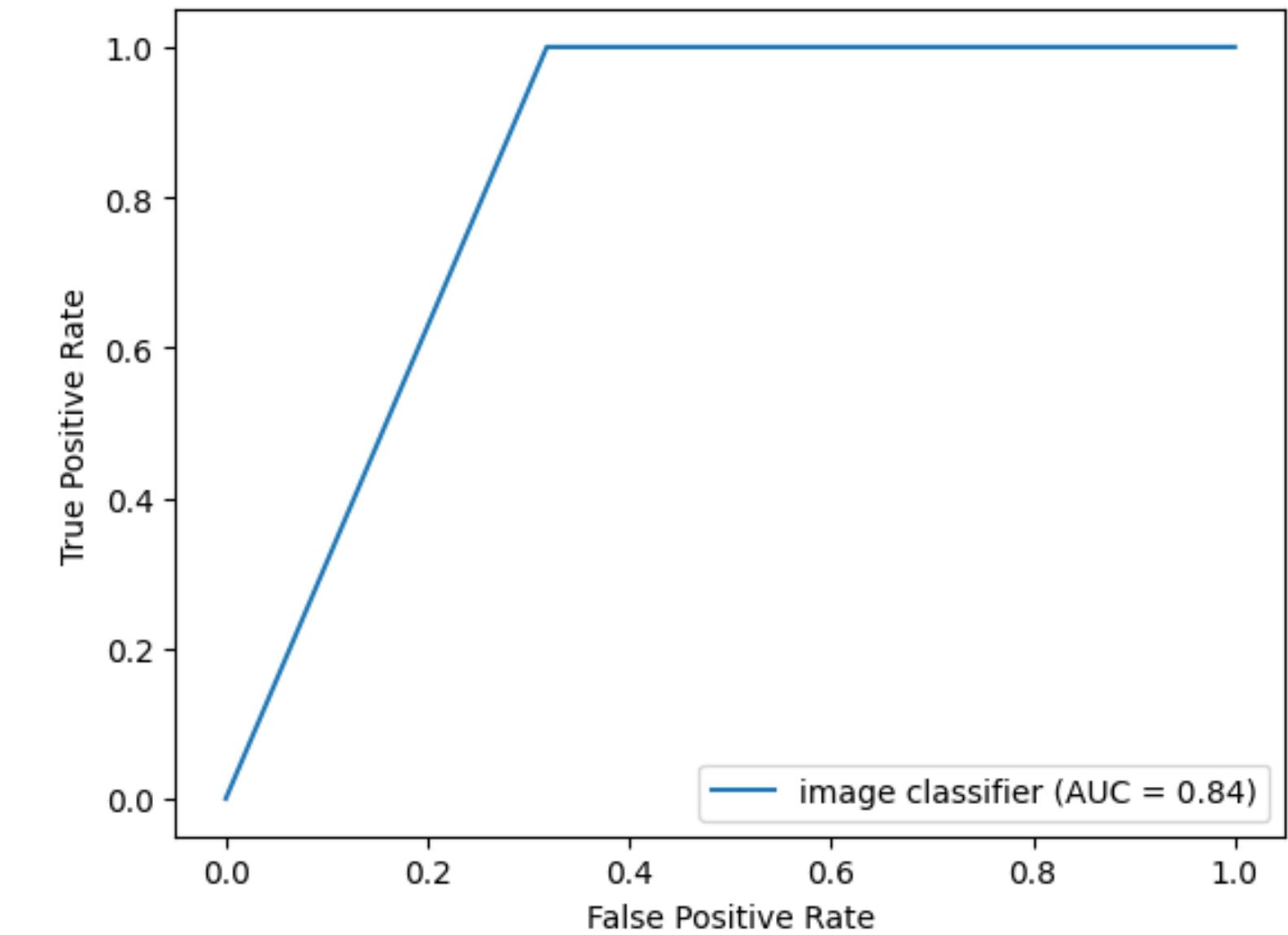
# Примеры True Negative



# Оценка классификации

	precision	recall	f1-score
No cats head	1.0	0.68	0.81
Cats head	0.80	1.00	0.89

**Accuracy составила 86%**



# **Выводы**

**Модель не различает виды животных**

**Модель не умеет работать с двумя объектами**

**Модель показала хорошее значение IOU на изображениях с одним объектом**