

Tiny YOLO v2 config.:

Classes: 1 (STOP)
batch=24
subdivisions=8
width=416
height=416
channels=3
momentum=0.9
decay=0.0005
learning rate=0.001
convolutional layers = 9
iterations = 10k

Model trained with real dataset: 270 images

Model trained with generated dataset: 183 images

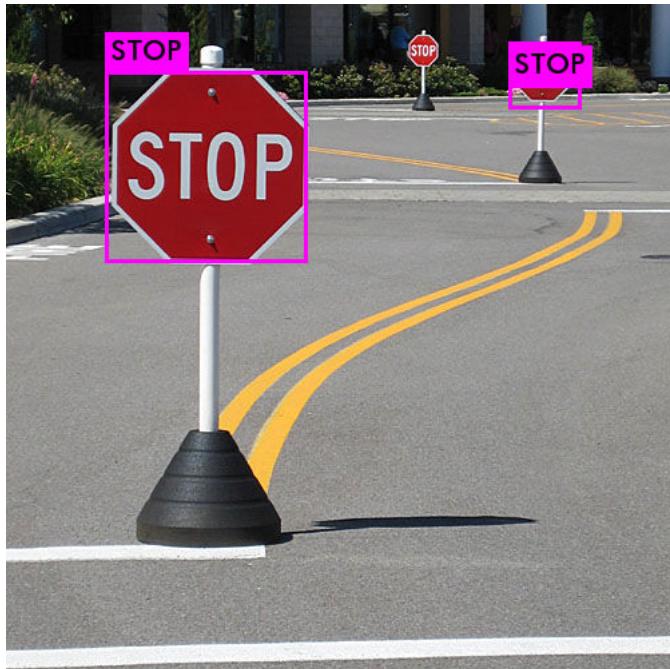
Model trained with cropped dataset: 190 iamges – Bad results



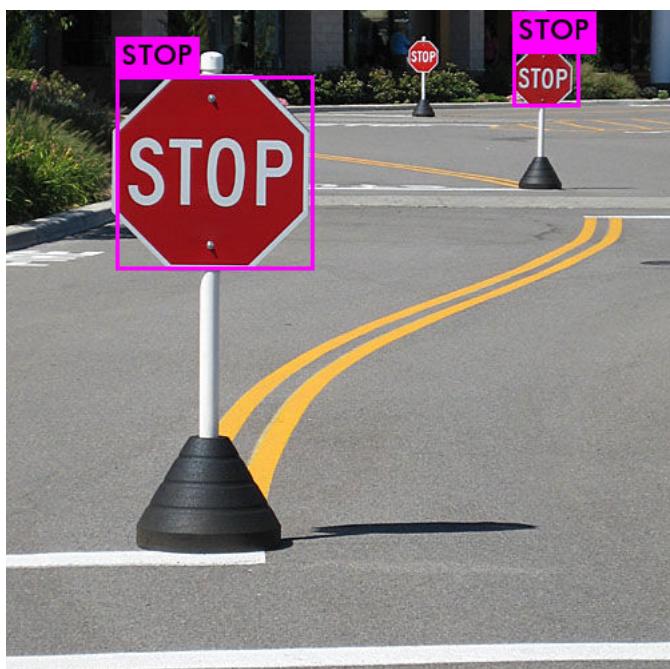
Obrázek 1: Real model 100% and 80%



Obrázek 2: Generated model model 99%



Obrázek 3: Real model 100% and 99%



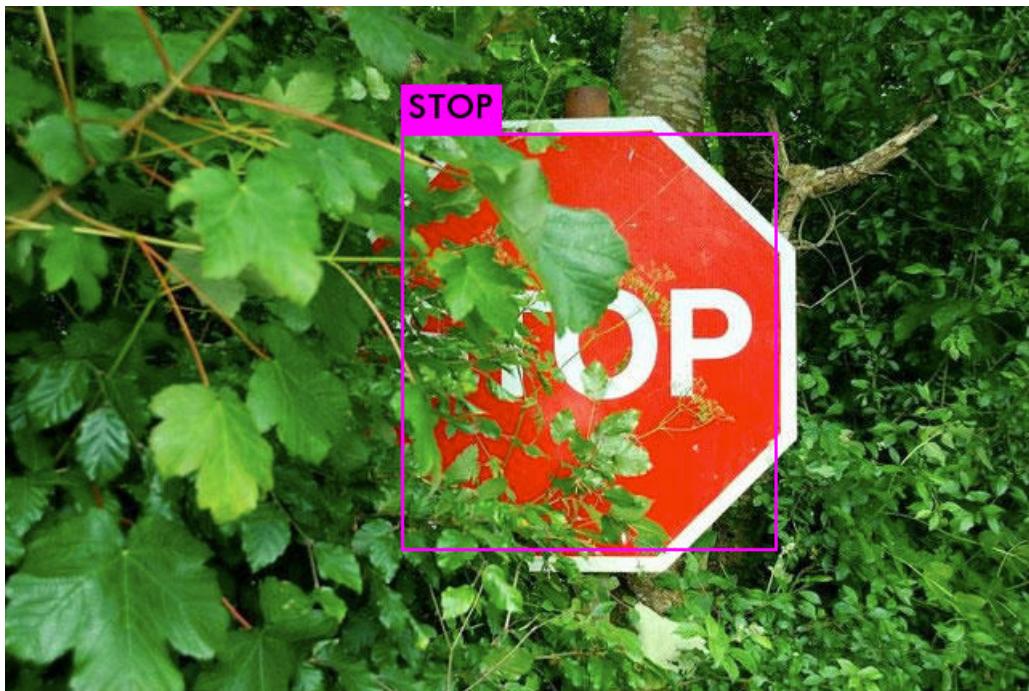
Obrázek 4: Generated model 100% and 99%



Obrázek 5: Real model 100%



Obrázek 6: Generated model 100%



Obrázek 7: Real model 65%



Obrázek 8: Generated model 64%



Obrázek 9: Real model 100%



Obrázek 10: Generated model 76%



Obrázek 11: Real model 100%



Obrázek 12: Generated model 100%



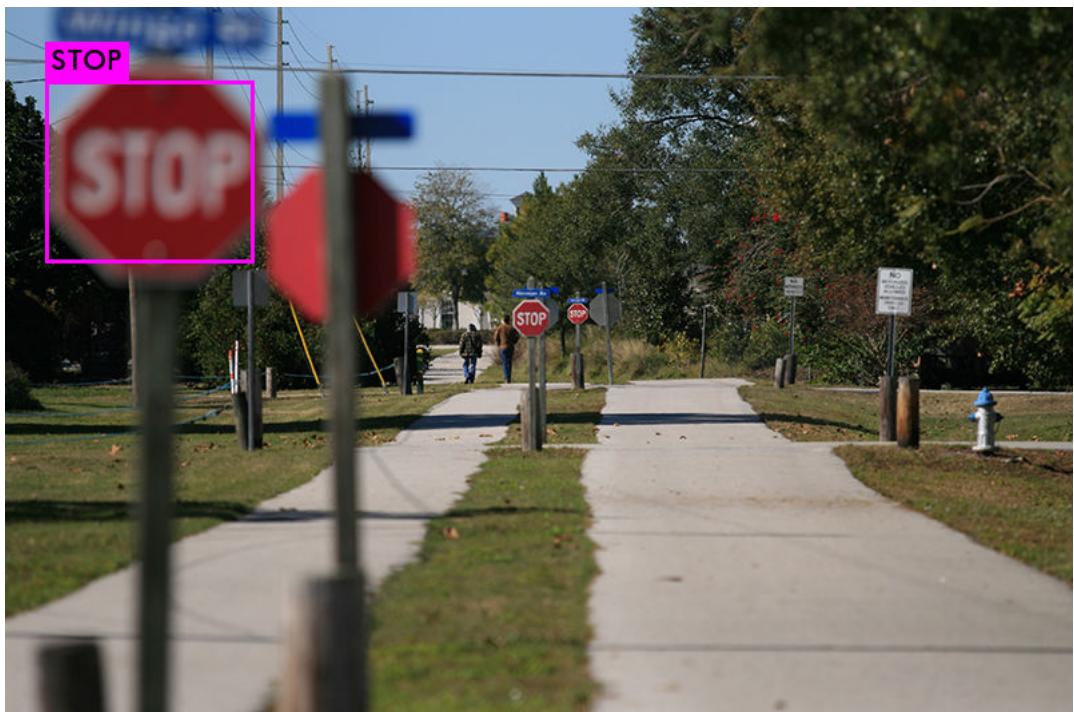
Obrázek 13: Real model 100%



Obrázek 14: Generated model 100%



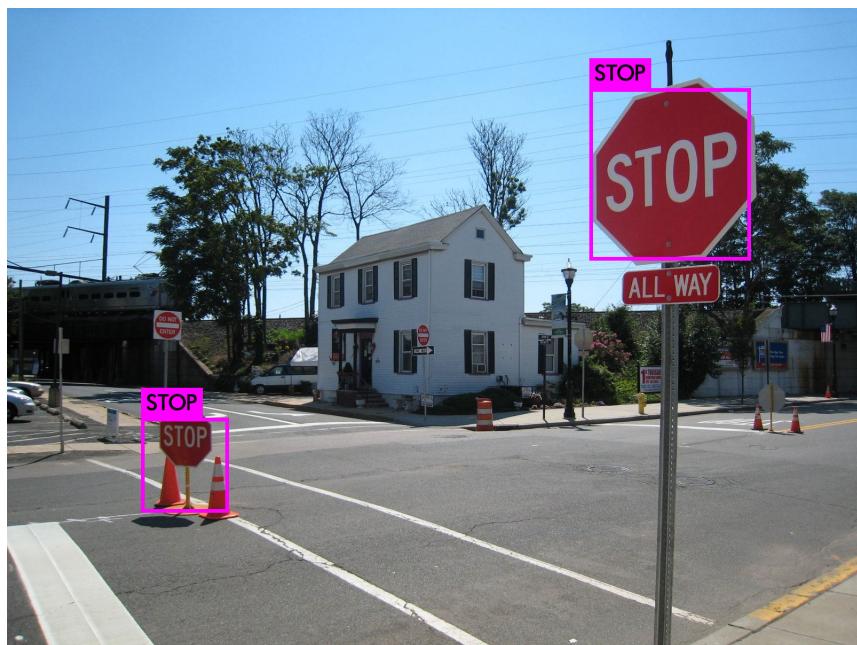
Obrázek 15: Real model 100% and 97%



Obrázek 16: Generated model 77%



Obrázek 17: Real model 100% and 64%



Obrázek 18: Generated model 100% and 52%



Obrázek 19: Real model 100%



Obrázek 20: Generated model 100%



Obrázek 21: Real model 100%



Obrázek 22: Generated model 100%



Obrázek 23: Real model 99%



Obrázek 24: Generated model 99%



Obrázek 25: Real model 100%



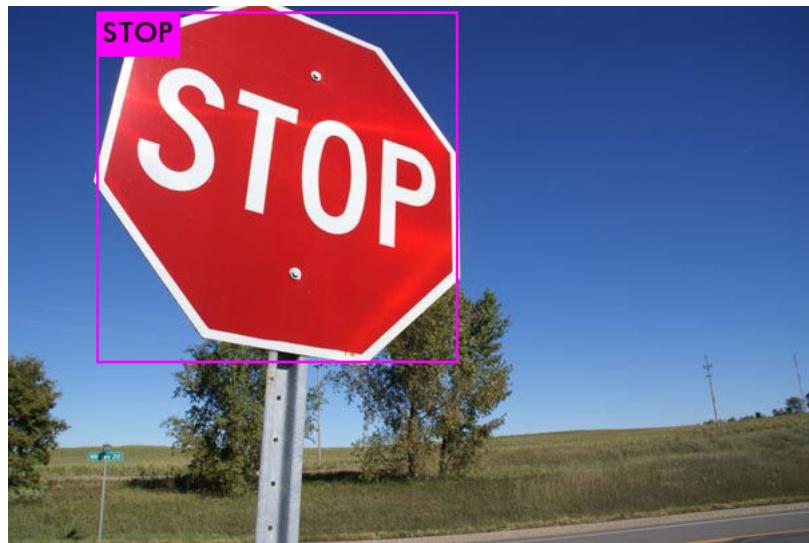
Obrázek 26: Generated model 100%



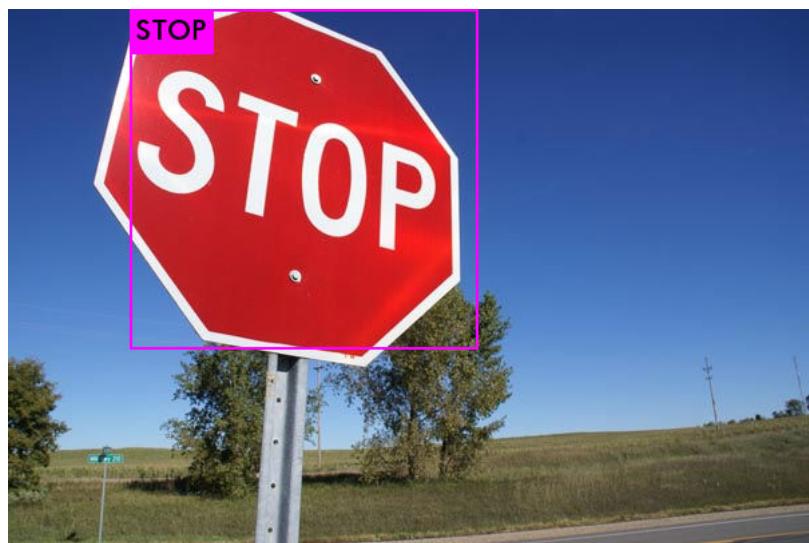
Obrázek 27: Real model 100%



Obrázek 28: Generated model 100%



Obrázek 29: Real model 100%



Obrázek 30: Generated model 100%



Obrázek 31: Real model 100% and 87%



Obrázek 32: Generated model 99%, 99% and 78%



Obrázek 33: Real model 100%



Obrázek 34: Generated model 87%