

Wildlife Detection System - YOLO Export Report

Export: yolo_default_20250429_085425

Generated: 2025-04-29 08:54:27

Export Details

Training Images: train

Validation Images: val

Number of Classes: 30

Dataset Summary

Total Images: 445

Training Images: 356

Validation Images: 89

Total Annotations: 452

Training Annotations: 361

Validation Annotations: 91

Species Count: 30

Detailed Analysis

=== Wildlife Detection System Export Report ===

Export Name: yolo_default_20250429_085425

Export Type: YOLO

Export Path: /home/peter/Desktop/TU PHD/WildlifeDetectionSystem/data/export/yolo_default_20250429_085425

Generated: 2025-04-29 08:54:27

Total Files: 893

Total Size: 784.01 MB

File Types:

- .txt: 446
- .jpg: 445
- .json: 1
- .yaml: 1

YOLO Dataset Structure:

Training Images: 356

Validation Images: 89

Training Labels: 356

Validation Labels: 89

Classes (30):

- 0: Red Deer
- 1: Male Roe Deer
- 2: Female Roe Deer
- 3: Fallow Deer
- 4: Wild Boar
- 5: Chamois
- 6: Fox
- 7: Wolf
- 8: Jackal
- 9: Brown Bear
- 10: Badger
- 11: Weasel
- 12: Stoat
- 13: Polecat
- 14: Marten
- 15: Otter
- 16: Wildcat
- 17: Rabbit
- 18: Hare
- 19: Squirrel
- 20: Dormouse
- 21: Hedgehog
- 22: Turtle

23: Blackbird
24: Nightingale
25: Pheasant
26: Human
27: Background
28: Dog
29: woodpecker

Dataset Summary:

total_images: 445
training_images: 356
validation_images: 89
total_annotations: 452
training_annotations: 361
validation_annotations: 91
species_count: 30

Class Distribution:

Class	Train	Val	Total	Train %	Val %

Human	53	13	66	80.3%	19.7%
Rabbit	108	27	135	80.0%	20.0%
Female Roe Deer	66	14	80	82.5%	17.5%
Fox	36	8	44	81.8%	18.2%
Male Roe Deer	56	23	79	70.9%	29.1%
Jackal	14	4	18	77.8%	22.2%
Turtle	3	0	3	100.0%	0.0%
Badger	4	0	4	100.0%	0.0%
Fallow Deer	2	0	2	100.0%	0.0%
Blackbird	3	0	3	100.0%	0.0%
Squirrel	4	0	4	100.0%	0.0%
Dog	3	0	3	100.0%	0.0%
Wildcat	2	1	3	66.7%	33.3%
Nightingale	1	0	1	100.0%	0.0%
woodpecker	2	0	2	100.0%	0.0%
Weasel	3	1	4	75.0%	25.0%
Red Deer	1	0	1	100.0%	0.0%