Model Evaluation

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Overview

This report shows model results for:

Different rules are simulated on historical data to assess their effect on label quality.

Some figures:

 • Number of capture events: 13301 • model accuracy overall: 82.02 %

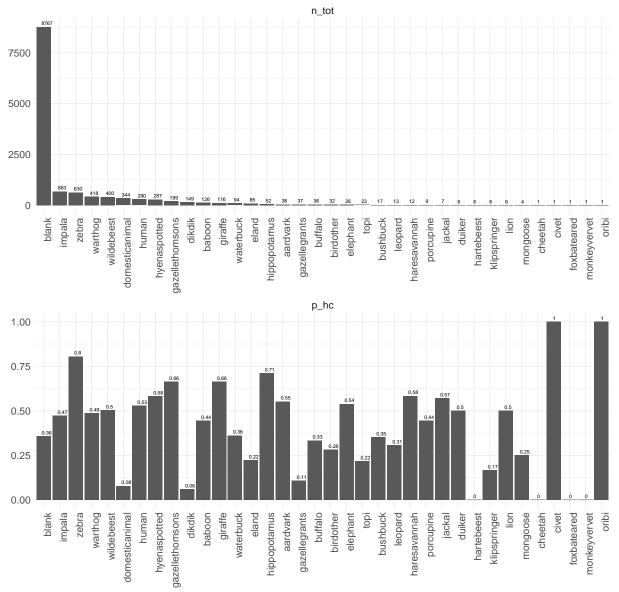
- model accuracy for high-confidence cases: 98.03 %

- proportion of high-confidence cases: 40.08 %

Model Evaluation - Species Level

The following figure shows the label/species distribution of the capture events and the proportion of images for which the model is highly confident (p_hc).

ENO_S1 – Species Distribution / High Confidence Prop.



The following figure shows the accuracy per label/species considering 1) all predictions and 2) only high confidence predictions (hc).

blank 86.4 impala 82.7 zebra warthog wildebeest domesticanimal 0.6 human 75.9 hyenaspotted 99.2 gazellethomsons dikdik 100 baboon 85.7 giraffe waterbuck eland 58.8 hippopotamus 82.7 100 aardvark gazellegrants buffalo birdother 100 elephant 60 topi 78.3 bushbuck 100 leopard haresavannah 100 porcupine jackal 42.9 100 lion klipspringer hartebeest 33.3 33.3 duiker 100 mongoose oribi monkeyvervet foxbateared civet cheetah 0.00 0.25 0.50 0.75 1.00 variable p_correct p_correct_hc

ENO_S1 - Species Accuracies (All and High Confidence only)