Use of SCN features: No

Max learning objects: 20000 objects/class

Strategy N° 4

Actual Values

NL 2020 Selected Samples prediction using NL 2020 training set, Learning with selected samples classes with no low regional training instances, with extra training categories, No Anthoathecata, Calanoida, Copepoda, Zooplankton classes in learning set

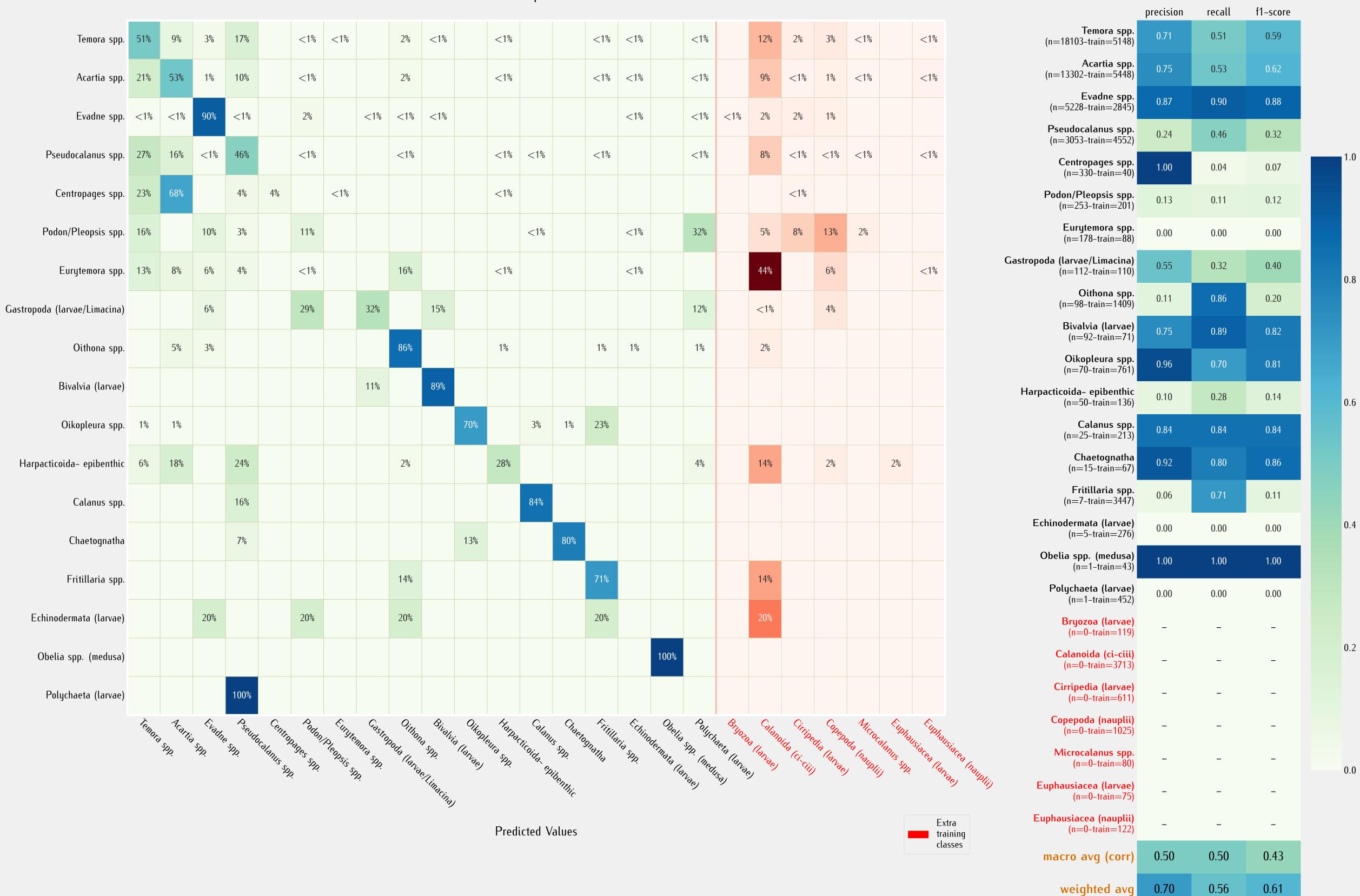
Confusion Matrix - In percent of Actual Value

Classification Report Matrix max 20000 learning objects per class

precision

recall

f1-score



Predictions of discarded taxa from training 0.0% 0.0% 10.2% (n=464) 0.0% 0.0% 9.4% (n=3) 0.0% 1.6% (n=1) 0.0% 0.0% 3.6% (n=40) Acartia spp. 0.0% Bivalvia (larvae) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% (n=2) 0.0% 0.0% 0.0% 0.0% 7.8% (n=88) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.6% (n=7) Bryozoa (larvae) 0.0% 0.0% 0.0% 6.2% (n=2) 0.0% 0.0% 26.6% (n=1215) 0.0% 0.0% 0.0% 0.0% Calanoida (ci-ciii) 5.8% (n=65) Calanus spp. 40.0% (n=4) 100.0% (n=1) 0.0% 28.6% (n=4) 3.1% (n=2) 0.0% 0.0% 0.0% (n=3) 0.0% 0.0% (n=2) 100.0% (n=2) 50.0% (n=1) 80 2.0% (n=22) 0.0% Cirripedia (larvae) 0.0% 0.0% 0.0% 0.0% 21.4% (n=3) 0.0% 2.4% (n=108) 0.0% 7.8% (n=5) 0.0% Copepoda (nauplii) 0.0% 0.0% 0.0% 0.0% 0.0% $\overline{50.0\%}$ (n=1) 8.8% (n=401) 0.0% 3.1% (n=2) 0.0% 0.0% 4.0% (n=45) 0.0% 0.0% 0.0% 0.0% Echinodermata (larvae) 0.0% 0.0% 0.0% 0.0% 0.1% (n=5) 0.0% 0.0% 0.9% (n=10) 0.0% 0.0% 0.0% Euphausiacea (larvae) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% (n=1) 0.0% 0.0% Predicted Taxa 60 0.0% 0.0% 0.0% 0.0% 0.1% (n=1) Euphausiacea (nauplii) 0.0% 0.0% 0.0% 0.0% 0.0% 0.5% (n=23) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% (n=1) 0.0% 0.0% 0.0% 0.0% 0.0% Eurytemora spp. 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 11.3% (n=517) 0.0% 15.6% (n=10) 0.0% 0.0% 43.0% (n=483) Evadne spp. 0.7% (n=8) Fritillaria spp. 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.4% (n=16) 0.0% 0.0% 0.0% 1.6% (n=1) 0.0% 0.0% 5.3% (n=60) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Gastropoda (larvae/Limacina) 40 0.0% Harpacticoida- epibenthic 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.4% (n=17) 0.0% 0.0% 0.0% 0.1% (n=1) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Microcalanus spp. 0.4% (n=20) 0.0% 33.3% (n=2) 0.0% 0.0% 0.0% 0.0% 31.2% (n=20) 0.0% 0.0% 0.0% Obelia spp. (medusa) 60.0% (n=6) 0.0% 0.0% 0.0% 0.0% 0.0% 0.4% (n=4) 0.0% 0.0% 0.0% 0.0% 100.0% (n=1) Oikopleura spp. 16.7% (n=1) 0.0% 0.0% Oithona spp. 0.0% 0.0% 0.0% 0.0% 7.6% (n=345) 0.0% 0.0% 1.4% (n=16) 20 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Podon/Pleopsis spp. 0.0% 0.0% 0.0% 0.0% 0.0% 1.0% (n=44) 0.0% 15.0% (n=168) 0.0% 0.0% Polychaeta (larvae) 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 2.7% (n=124) 0.0% 31.2% (n=20) 6.9% (n=78) 0.0% 0.0% 0.0% 35.7% (n=5) 0.0% 13.4% (n=613) 0.0% 0.0% 0.9% (n=10) Pseudocalanus spp. 78.1% (n=25) 0.0% 50.0% (n=1) 0.0% 0.0% 0.0% 0.0% 4.7% (n=3) 0.0% 0.0% 1.5% (n=17) Temora spp. 6.2% (n=2) 14.3% (n=2) 50.0% (n=1) 14.1% (n=644) Decapoda-non brachyura (larvae) Anthoathecata (medusa) Zooplankton (unid) Calanoida (unid) Cnidaria (larvae) Tomopteris spp. Metridia spp. Chiridius spp. Copepoda "=< ... n=4562 (unid) n=2 Extra training classes

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample Val Pred 1.0 -0.8 -Relative Abundance 0.4 0.2 0.0 S25 S21 S22 S23 S24 S26 S27 S28 S29 S30

Sample Short ID

