Use of SCN features: No

Actual Values

Max learning objects: 20000 objects/class Strategy N° 4

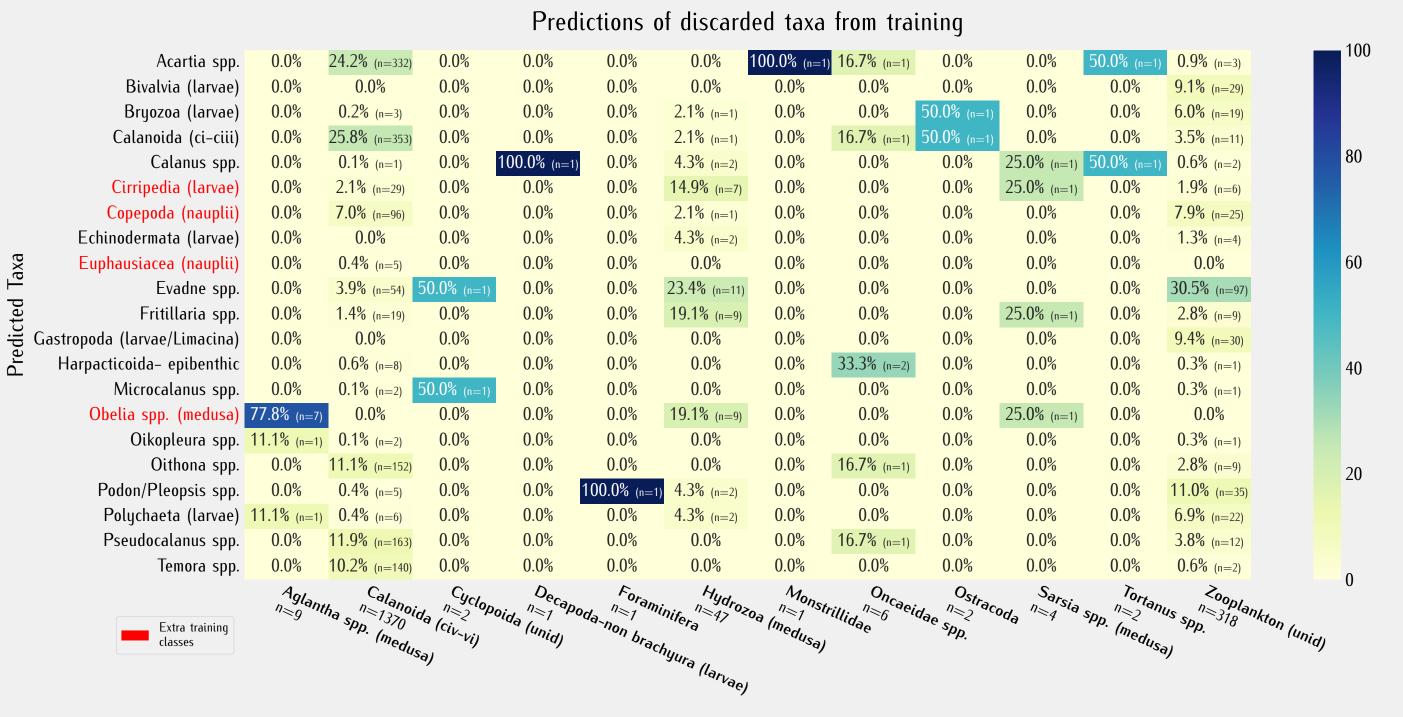
NL 2021 Selected Samples prediction using NL 2021 training set, Learning with selected samples classes with no low regional training instances, with extra training categories, No Calanoida (civ-vi), Cyclopoida, Zooplankton classes in learning set

Confusion Matrix - In percent of Actual Value

Classification Report Matrix max 20000 learning objects per class

precision recall f1-score

Activation of the content of the con		jecis per cias			ilid							ıe	al Val	of Actu	rcent o	In per	1atrıx –	ontusion M	C									
State Stat		f1-score	recall	precision																	I							
Salit Sali		0.75	0.73	0.77		<1%			<1%	<1%	%	<	<1%	<1%			<1%	<1%		8%			3%	8%	6%	<1%	73%	Acartia spp.
Permanumanny of the property o		0.92	0.92	0.92	Evadne spp. (n=1931-train=2845)				1%	1%	%	<		<1%	<1%	<1%				<1%	2%	<1%	<1%	<1%	<1%	92%		Evadne spp.
Parameters of to the first of t		0.59	0.53	0.67	Temora spp. (n=1416-train=5148)	<1%			3%	2%	%	<	<1%				<1%			14%			2%	9%	53%	1%	14%	Temora spp.
Other graph of the control of the co		0.59	0.56	0.63	Pseudocalanus spp. (n=1044-train=4552)				<1%		% <	<	<1%				<1%			8%			<1%	56%	14%		20%	Pseudocalanus spp.
Policy (Property operator) Policy (Property operator) I a	1.0	0.73	0.80	0.67	Oithona spp. (n=345-train=1409)				б	<1%				3%			<1%			3%		<1%	80%		<1%	1%	11%	Oithona spp.
Public Place Publ		0.66	0.52	0.91	Bryozoa (larvae) (n=248-train=119)				8%	1%	%	<		<1%		1%	% 1%	<19		4%	<1%	52%				29%		Bryozoa (larvae)
Columnic from the first tensor of the first		0.17	0.12	0.33	Podon/Pleopsis spp. (n=230-train=201)				24%	14%	%	1	<1%	<1%			%	<15		4%	12%	<1%		2%	15%	10%	1%	Podon/Pleopsis spp.
Obligation of the content of the con	0.8	0.09	0.25	0.06	Calanoida (ci-ciii) (n=130-train=3713)				24%	2%	<		3%							25%	5%	<1%	4%	7%	8%	9%		
Controporty up 10 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.74	0.64	0.87	Oikopleura spp. (n=115-train=761)		-1%	-1%						73%			96		64%									, , ,
Elikiodenice (farcet) Merpectocode epidemice (32		0.37	0.23	0.95	Centropages spp. (n=88-train=40)			170						2370			70			270		170	270				CEN	
Contemporal content 270		0.30	0.20	0.62	Echinodermata (larvae) (n=50-train=276)		1%																	2%	/%			
Gastropole flarened mericinal process of the control of the contro	0.6	0.45	0.38	0.55	Harpacticoida- epibenthic (n=47-train=136)	2%			2%	2%	5	2		38%			ó	20%	2%	2%			22%				8%	Echinodermata (larvae)
Historia (larcase)		0.58	0.62	0.55	Gastropoda (larvae/Limacina) (n=47-train=110)				4%							_	38%			11%			9%	9%	6%		23%	Harpacticoida- epibenthic
Fide		0.76	0.77	0.76	Bivalvia (larvae) (n=44-train=71)				2%		%	1			11%	62%					6%					9%		Gastropoda (larvae/Limacina)
Microralanus spp. 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6%		0.39	0.82	0.26	Fritillaria spp. (n=34-train=3447)										77%	11%					5%	5%				2%		Bivalvia (larvae)
Chaetagration 294 776 615 478 Polychaeta (larvae) 578 578 578 578 578 578 578 578 578 578	0.4	0.17	0.13	0.25	Microcalanus spp. (n=31-train=80)									82%			j	3%	3%				12%					Fritillaria spp.
Polychede (larvae) 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%		0.76	0.61	1.00	Chaetognatha (n=28-train=67)				29%	3%	5	3	13%				3%			29%				6%	6%	6%		Microcalanus spp.
Calanus spp. 7% 14% 14% 79% 14% 100 0.00 0.00 0.00 0.00 0.00 0.00 0.00		0.21	0.45	0.14	Polychaeta (larvae) (n=20-train=452)						4	61%		7%					29%									Chaetognatha
Calanus spp. 7% 14% 70		0.71	0.79	0.65	Calanus spp. (n=14-train=213)	5%		5%	15%	10%	%	4					ś	5%		5%			5%			5%		Polychaeta (larvae)
Eurytemora spp. 50% 20% 30% (n=0-train=611)	0.2	0.00	0.00	0.00	Eurytemora spp. (n=10-train=88)						79													14%			7%	Calanus spp.
Predicted Values Obelia spp. (medusa) (n=0-train=122) Predicted Values Obelia spp. (medusa) (n=0-train=122) Euphausiacea (larvae) (n=0-train=122) macro avg (corr) Obelia spp. (medusa) (n=0-train=122) Euphausiacea (larvae) (n=0-train=122) macro avg (corr) Obelia spp. (medusa) (n=0-train=122) Euphausiacea (larvae) (n=0-train=122) macro avg (corr) Obelia spp. (medusa) (n=0-train=122) Euphausiacea (larvae) (n=0-train=122) macro avg (corr) Obelia spp. (medusa) (n=0-train=122) Euphausiacea (larvae) (n=0-train=122) macro avg (corr) Obelia spp. (medusa) (n=0-train=122) Euphausiacea (larvae) (n=0-train=122) macro avg (corr) Obelia spp. (medusa) (n=0-train=123) Euphausiacea (larvae) (n=0-train=122) macro avg (corr)		-	-	-	Cirripedia (larvae) (n=0-train=611)																			30%	20%		50%	Eurytemora spp.
Predicted Values Extra training classes Euphausiacea (nauplii) (n=0-train=122) macro avg (corr) 0.58 0.50 0.50		-	-	-	Copepoda (nauplii) (n=0-train=1025)	Cupho	Eupho	Obell	ipo Cope	Cury Cin	Yy _{Ch}	Chaete	Micro	Vi. Pritill	Birdl	Casi	hing Harp	Centro Co.	Oikop	Calan	Podon	Bryos	Oitho	P _{Seuo}	Temor	Evado	Acarri	
Predicted Values Extra training classes Extra training classes Euphausiacea (nauplii) (n=0-train=122)	0.0	-	-	-	Obelia spp. (medusa) (n=0-train=43)	usiacea (la	Spp. (med.	Oda (naup)	o dia lana	s Spp. Spp.	Nacka (lanus Sp.	Tio Spp.	la (larvae)	opoda (lan	Cticoida	Odermata (Elita Spp.		Dleansis s	d (larvae)		ocalanus si	, 20p.			φ	
Predicted Values Extra training classes Extra training classes Euphausiacea (nauplii) (n=0-train=122)	0.0	-	_	_	Euphausiacea (larvae) (n=0-train=75)	isal track	(I) (I)			9		~ .	,	'elinacina	Pibenthic	ande,			90. S	9,		Ø.	2,					
macro avg (corr) 0.58 0.50 0.50		_	_	_	(n 0 train 122)									9														
weighted avg 0.74 0.68 0.70		0.50	0.50	0.58	es																							
		0.70	0.68	0.74	weighted avg																							



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

