Use of SCN features: Yes

Max learning objects: 5000 objects/class Strategy N° 5

Actual Values

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

										Cui	HuSt)II /VIG	duux	- III þ	perce	nt of	Actu	at va	lut						
Acartia spp	67%	<1%	7%	11%	1%			2%	<1%	7%				<1%		<1%	<1%		<1%		3%			<1%	
Evadne spp		88%	<1%	<1%	<1%	<1%	4%	<1%			<1%	2%	5%	<1%	<1%	<1%			<1%						
Temora spp	13%	2%	55%	9%	2%		<1%	7%		7%			<1%	<1%			<1%		<1%		4%				
Pseudocalanus spp	21%		10%	53%				3%		8%				<1%			<1%		<1%	<1%	5%			<1%	<1%
Oithona spp	12%	1%	<1%	<1%	77%			2%		3%	<1%			<1%		3%					1%				
Bryozoa (larvae)		26%	<1%		<1%	57%	2%	1%			2%		8%	<1%		<1%			2%						
Podon/Pleopsis spp	1%	14%	23%	3%			25%	7%	<1%	<1%		<1%	1%				<1%		14%		2%				7%
Calanoida (ci-ciii)	14%	15%	11%	5%	5%		12%	24%		5%							2%		2%	<1%	4%				<1%
Oikopleura spp	<1%		4%	2%	2%				73%	<1%						10%		2%							6%
Centropages spp	8%		2%	1%						82%										1%				5%	1%
Echinodermata (larvae)	2%				18%		2%	2%	2%		16%		4%			50%			2%						2%
Gastropoda (larvae/Limacina)		2%					4%					66%	4%		15%				9%						
Hydrozoa (medusa)			4%			6%	4%		2%	2%	2%		51%			13%						6%			9%
Harpacticoida- epibenthic	21%	2%	6%	9%	4%			6%						38%							13%				
Bivalvia (larvae)						7%	2%					11%	7%		70%				2%						
Fritillaria spp					12%				38%		3%					47%									
Microcalanus spp	3%	13%	13%	13%			10%	23%				3%					13%		3%		6%				
Chaetognatha									32%									57%	4%	7%					
Polychaeta (larvae)	5%	10%	5%	5%	5%		5%					15%							45%						5%
Calanus spp				7%						7%										86%					
Eurytemora spp	10%		20%	30%						30%											10%				
Aglantha spp. (medusa)													33%									56%			11%
Oncaeidae spp	33%													50%							17%				
Sarsia spp. (medusa)			25%										25%						25%			25%			
Ostracoda						100%																			
Tortanus spp										50%														50%	
Monstrillidae										100%															
ooda–non brachyura (larvae)																				100%					
	Acart	\$ \$00.	re SPP.	PSelill SPD.	Oithon Oithon	Bryon Spp.	Podoli Paral	Calan Calan	Oikop.	Centro Veura Spo.	Chine Chine	Castro Odermata	Hydro (larvae)	Harpac (nedlinae	Biralle (Sa)	Pibenthi	Micros Sp.	Chack St.	Polycharba	Caland Haeta (lar	Euryi Spp.	Aglantha Oncaeide	Sarsia Sp. M. Sp. M. Sp. M. M. Sp. M.	Tortanus Sp. Medusa)	Jonstrillidge

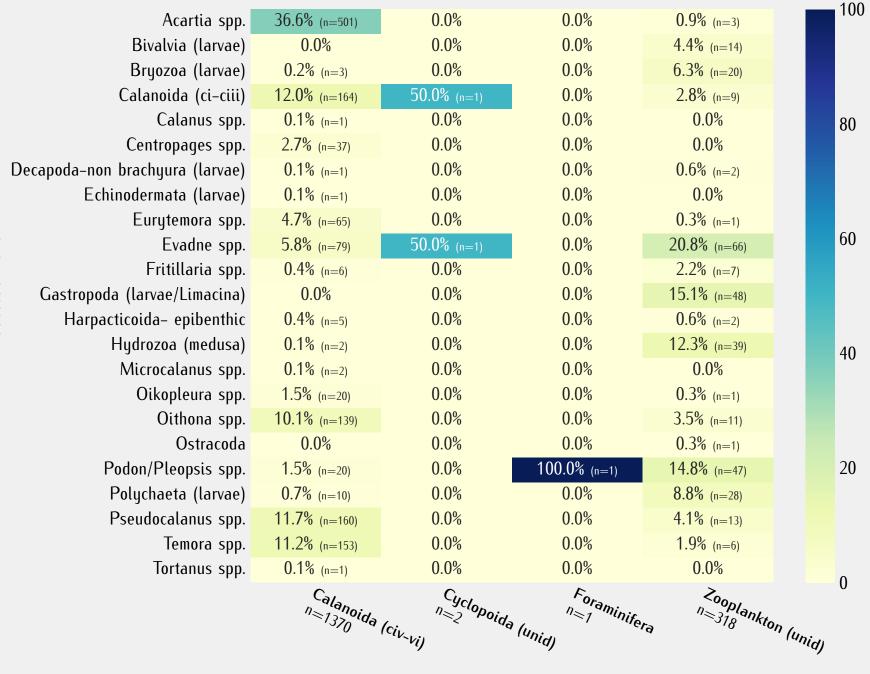
Predicted Values

Classification Report Matrix

ma		0 learning objects po					
	precision	recall	f1-score				
Acartia spp. (n=2490-train=5000)	0.77	0.67	0.71				
Evadne spp. (n=1931-train=5000)	0.91	0.88	0.89				
Temora spp. (n=1416-train=5000)	0.68	0.55	0.61				
Pseudocalanus spp. (n=1044-train=4845)	0.56	0.53	0.54				
Oithona spp. (n=345-train=5000)	0.73	0.77	0.75				
Bryozoa (larvae) (n=248-train=1142)	0.90	0.57	0.70				
Podon/Pleopsis spp. (n=230-train=5000)	0.35	0.25	0.29				
Calanoida (ci-ciii) (n=130-train=5000)	0.12	0.24	0.16				
Oikopleura spp. (n=115-train=5000)	0.74	0.73	0.73				
Centropages spp. (n=88-train=3620)	0.16	0.82	0.27				
Echinodermata (larvae) (n=50-train=3043)	0.44	0.16	0.24				
Gastropoda (larvae/Limacina) (n=47-train=3272)	0.44	0.66	0.53				
Hydrozoa (medusa) (n=47-train=4052)	0.15	0.51	0.23				
Harpacticoida- epibenthic (n=47-train=555)	0.50	0.38	0.43				
Bivalvia (larvae) (n=44-train=3764)	0.78	0.70	0.74				
Fritillaria spp. (n=34-train=5000)	0.20	0.47	0.28				
Microcalanus spp. (n=31-train=80)	0.36	0.13	0.19				
Chaetognatha (n=28-train=89)	0.89	0.57	0.70				
Polychaeta (larvae) (n=20-train=1577)	0.15	0.45	0.22				
Calanus spp. (n=14-train=359)	0.63	0.86	0.73				
Eurytemora spp. (n=10-train=1818)	0.00	0.10	0.01				
Aglantha spp. (medusa) (n=9-train=22)	0.56	0.56	0.56				
Oncaeidae spp. (n=6-train=18)	0.00	0.00	0.00				
Sarsia spp. (medusa) (n=4-train=4)	0.00	0.00	0.00				
Ostracoda (n=2-train=25)	0.00	0.00	0.00				
Tortanus spp. (n=2-train=203)	0.12	0.50	0.20				
Monstrillidae (n=1-train=27)	0.00	0.00	0.00				
ecapoda-non brachyura (larvae) (n=1-train=423)	0.00	0.00	0.00				
macro avg	0.40	0.43	0.38				
weighted avg	0.72	0.65	0.68				

precision recall f1-score

Predictions of discarded taxa from training



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

