Use of SCN features: No

Max learning objects: 20000 objects/class Strategy N° 5

Gulf Selected Samples prediction using all regions training set, Learning with all classes present in the selected samples, no extra training categories, No Calanoida, Cyclopoida, Zooplankton classes in learning set

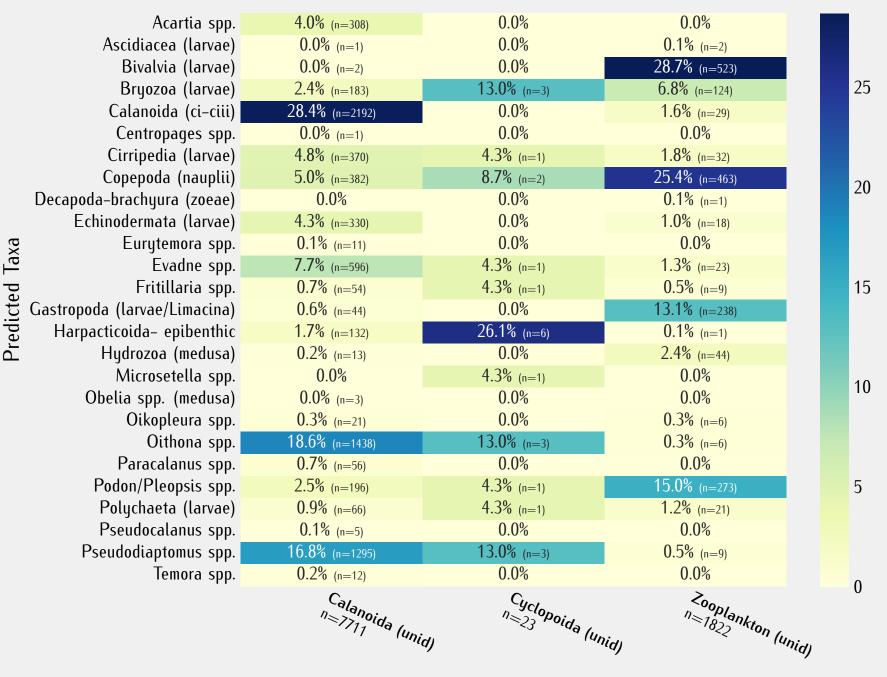
Confusion Matrix - In percent of Actual Value

												Conf	ustor	ı Ma	trix -	- In	perce	ent o	i Act	ual Val	ue									
Acartia spp.	51%		<1%	<1%	25%	8%	4%	<1%		1%	<1%	<1%	<1%	<1%	1%	<1%	<1%	2%	<1%	<	1%	<1%	<1%	<1%	<1%	ó		4%		1%
Bivalvia (larvae)		93%	1%	<1%	<1%	<1%	<1%	<1%	4%		<1%	<1%	<1%	<1%				<1%	<1%				<1%	<1%						
Copepoda (nauplii)		1%	93%	1%	<1%	<1%	<1%		<1%		<1%	<1%				1%		<1%	1%				<1%	<1%						
Podon/Pleopsis spp.		3%	13%	68%	<1%	<1%	<1%	1%	8%	<1%	3%	<1%		<1%				1%	1%					<1%	<1%	ó		<1%		
Oithona spp.	<1%		<1%	<1%	82%	4%	5%				<1%		<1%	2%		2%		1%	1%				<1%	<1%					<1%	
Calanoida (ci-ciii)	1%		4%	3%	15%	34%	13%	<1%	<1%		3%	<1%		4%		3%		11%	6%				<1%	<1%				<1%		
Pseudodiaptomus spp.	3%		1%	<1%	18%	6%	60%		<1%		<1%	<1%		1%		<1%		2%	4%	<	1%							2%	<	<1%
Hydrozoa (medusa)	1%	2%	<1%	7%	<1%	<1%		69%	5%	<1%	1%	<1%				<1%	1%	6%	<1%	<	1%		1%				<1%	<1%		
Gastropoda (larvae/Limacina)	<1%	13%	7%	12%	<1%	<1%		1%	65%		<1%	<1%						<1%	<1%											
Temora spp.	2%		3%	<1%	4%	7%	19%			26%	1%	2%		<1%	4%	<1%		9%	6%	9	%				<1%	ó		4%		2%
Bryozoa (larvae)		<1%	23%	19%	<1%	<1%			8%		45%	2%							<1%					<1%						
Polychaeta (larvae)	<1%		22%	6%	<1%	2%	2%		<1%	<1%	<1%	43%		<1%		2%		7%	11%				<1%		<1%	6 <1%				
Ascidiacea (larvae)	<1%				4%		<1%					2%	89%									<1%	<1%	3%		<1%				
Harpacticoida- epibenthic	2%		5%		35%	11%	9%			2%	2%			23%		<1%		<1%	<1%	<	1%		3%					4%	<	<1%
Centropages spp.	32%				32%	11%				5%					11%													7%		2%
Echinodermata (larvae)			11%	11%		3%	3%									24%		16%	32%											
Obelia spp. (medusa)				5%	14%			10%						5%		5%	24%	29%					5%					5%		
Evadne spp.				6%			6%											75%	12%											
Cirripedia (larvae)			44%						6%		6%					6%			38%											
Chaetognatha													8%							8%			23%	62%						
Pseudocalanus spp.	29%						14%			14%					14%					29)%									
Cnidaria (larvae)			29%			14%			29%										29%											
poda–non brachyura (larvae)																						100%								
Fritillaria spp.																							67%	33%						
Oikopleura spp.																							100%							
Monstrillidae															50%								50%							
Decapoda-brachyura (zoeae)																									100%	б				
Osteichthyes (larvae)																						100%								
Ostracoda									100%																					
Paracalanus spp.						100%																								
Microsetella spp.																			100%											
Eurytemora spp.																				10	0%									
	Acarre	Bival,	Cope, lane	Podlo (na	Oithe Oithe On Pleops	Calar Spp.	Psel Proids (Co	Hydr i Ciii)	Castl Mis Spp.	Temor Copoda (la Colusa)	Bryon Spp. Prae/lin	Polylono (land	Ascide Macka Me	Harpe (la	Centroldo (Noe)	Chin pages Sp. Epibeni	Obell Odermare	Challes Spp. (In an	The SPD. Meduse)	Chaetagne Parae	Scudocolonus The	Decap	Fritill Poda pol	Oikoples oria Spp. brachyura	Monstrillidate (lange)	Oster o Oster	OSTRAL OS	Parace (Janae)	Microser Spp.	Curyre tella St.
															Pre	dicte	d Val	lues												

ma		ation Repoearning obj	rt Matrix ects per cla
	precision	recall	f1-score
Acartia spp. (n=18062-train=20000)	0.99	0.51	0.67
Bivalvia (larvae) (n=7955-train=3764)	0.97	0.93	0.95
Copepoda (nauplii) (n=2753-train=11555)	0.78	0.93	0.85
Podon/Pleopsis spp. (n=2715-train=7347)	0.83	0.68	0.74
Oithona spp. (n=2572-train=5881)	0.30	0.82	0.44
Calanoida (ci-ciii) (n=1348-train=5557)	0.21	0.34	0.26
Pseudodiaptomus spp. (n=1059-train=2113)	0.38	0.60	0.47
Hydrozoa (medusa) (n=671-train=4052)	0.83	0.69	0.76
Gastropoda (larvae/Limacina) (n=629-train=3272)	0.42	0.65	0.51
Temora spp. (n=308-train=7347)	0.28	0.26	0.27
Bryozoa (larvae) (n=247-train=1142)	0.35	0.45	0.39
Polychaeta (larvae) (n=237-train=1577)	0.59	0.43	0.50
Ascidiacea (larvae) (n=194-train=861)	0.95	0.89	0.92
Harpacticoida- epibenthic (n=108-train=555)	0.09	0.23	0.13
Centropages spp. (n=44-train=3620)	0.02	0.11	0.04
Echinodermata (larvae) (n=37-train=3043)	0.03	0.24	0.05
Obelia spp. (medusa) (n=21-train=1003)	0.17	0.24	0.20
Evadne spp. (n=16-train=11064)	0.02	0.75	0.03
Cirripedia (larvae) (n=16-train=7685)	0.01	0.38	0.03
Chaetognatha (n=13-train=89)	1.00	0.08	0.14
Pseudocalanus spp. (n=7-train=4845)	0.02	0.29	0.03
Cnidaria (larvae) (n=7-train=25)	0.00	0.00	0.00
capoda-non brachyura (larvae) (n=4-train=423)	0.57	1.00	0.73
Fritillaria spp. (n=3-train=6992)	0.02	0.67	0.04
Oikopleura spp. (n=2-train=5305)	0.00	0.00	0.00
Monstrillidae (n=2-train=27)	0.00	0.00	0.00
Decapoda-brachyura (zoeae) (n=1-train=628)	0.10	1.00	0.18
Osteichthyes (larvae) (n=1-train=45)	0.00	0.00	0.00
Ostracoda (n=1-train=25)	0.00	0.00	0.00
Paracalanus spp. (n=1-train=1619)	0.00	0.00	0.00
Microsetella spp. (n=1-train=4)	0.00	0.00	0.00
Eurytemora spp. (n=1-train=1818)	0.00	0.00	0.00
macro avg	0.31	0.41	0.29
weighted avg	0.84	0.65	0.70
	precision	recall	f1-score

Actual Values

Predictions of discarded taxa from training



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

