Use of SCN features: Yes

Actual Values

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

Gulf Selected Samples prediction using Gulf training set, Learning with selected samples classes with no low regional training instances, with extra training categories, No Calanoida, 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

												Com	uSton	Matr	X – 11	ii pei	cem	OI AC	ludi	valu	Ĵ										J	f1 score	
Acartia spp.	57%	<1%	<1%	<1%	26%	<u> 5</u>	%	4%	<1%	<1%	1%	<1%		<1%	<1%	1%		<1%	4%	<1%	<u>;</u>	<1%	<1%	1%	<1%		<1%		Acartia spp.	precisio 0.99	n recall 0.57	f1-score	
Bivalvia (larvae)		93%	1%	<1%	<1%	% <	1% <	<1%	<1%	4%		<1%	<1%	<1%					<1%	<1%	5		<1%						(n=18062-train=20000) Bivalvia (larvae)	0.07	0.93	0.95	
Copepoda (nauplii)		1%	94%	1%	<1%	% <	1% <	<1%		<1%		<1%	<1%				<1%		<1%	<1%	j		<1%						(n=7955-train=3574) Copepoda (nauplii) (n=2753-train=10297)		0.94	0.85	
Podon/Pleopsis spp.		3%	14%	65%	<1%	% <	1% <	<1%	1%	10%	<1%	2%	<1%					<1%	2%	1%		<1%	<1%	<1%	<1%				Podon/Pleopsis spp.	0.87	0.65	0.74	
Oithona spp.	1%		<1%	<1%	82%	5 7	%	4%				<1%			2%		<1%		2%	<1%	,		1%						(n=2715-train=3541) Oithona spp.	0.20	0.82	0.43	
Calanoida (ci-ciii)	1%		4%	2%	17%	ó 42	2%	12%	<1%	<1%		3%			3%		<1%		14%	<1%	,		1%						(n=2572-train=4428) Calanoida (ci-ciii)		_		
Pseudodiaptomus spp.	3%		2%	<1%	21%	ó 12	2%	55%		<1%	<1%	<1%			1%	<1%			4%	<1%	,		<1%	<1%					(n=1348-train=1531) Pseudodiaptomus spp.	0.31	0.42	0.35	
Hydrozoa (medusa)	2%	2%		4%	1%		<	<1%	72%	7%	<1%	<1%				<1%		2%	7%	<1%	,		<1%						(n=1059-train=2113) Hydrozoa (medusa)	0.55	0.55	0.43	
Gastropoda (larvae/Limacina)	<1%	13%	8%	10%	<1%	% <	1%		1%	64%	<1%	<1%							<1%	<1%	,								(n=671-train=3730)	0.03	0.72	0.78	
Temora spp.	7%		2%	<1%	6%	9	%	15%		<1%	32%	1%			<1%	8%			14%	<1%	,			3%					Gastropoda (larvae/Limacina) (n=629-train=2871)	0.30	0.64	0.48	
Bryozoa (larvae)		<1%	27%	19%	<1%	% <	1% <	<1%	<1%	9%	<1%	40%	<1%		<1%				<1%				<1%						Temora spp. (n=308-train=2199)	0.50	0.32	0.31	
Polychaeta (larvae)	<1%		22%	5%	<1%	% 6	%	3%		2%		<1%	43%					<1%	11%	2%		1%	2%		<1%	<1%			Bryozoa (larvae) (n=247-train=973)	0.30	0.40	0.39	
Ascidiacea (larvae)	1%				4%			1%						93%									<1%			<1%			Polychaeta (larvae) (n=237-train=464)	0.84	0.43	0.57	
Harpacticoida- epibenthic	3%		5%		37%	ó 14	1%	12%			3%	2%			18%				3%				3%	2%					Ascidiacea (larvae) (n=194-train=805)	0.97	0.93	0.95	
Centropages spp.	39%				27%	ó		5%			14%					14%								2%					Harpacticoida- epibenthic (n=108-train=372)	0.11	0.18	0.14	
Echinodermata (larvae)			11%	5%	3%	30)%	3%			3%						3%		35%	5%			3%						Centropages spp. (n=44-train=3461)	0.02	0.14	0.04	
Obelia spp. (medusa)	5%			5%	14%	á 5'	%		5%									33%	33%										Echinodermata (larvae) (n=37-train=118)	0.12	0.03	0.04	
Evadne spp.	6%								6%										81%	6%									Obelia spp. (medusa) (n=21-train=952)	0.29	0.33	0.30	
Cirripedia (larvae)			50%			6	%			6%										38%									Evadne spp.	0.01	0.81	0.02	-
Pseudocalanus spp.	57%										43%																		(n=16-train=7238) Cirripedia (larvae)	0.06	0.38	0.10	
poda-non brachyura (larvae)																						75%					25	%	(n=16-train=716) Pseudocalanus spp.	0.00	0.00	0.00	
Fritillaria spp.					33%	ó																	67%						(n=7-train=228) Decapoda-non brachyura (larvae)	0.25	0.75	0.38	
Eurytemora spp.											100%																		(n=4-train=197) Fritillaria spp.			_	
Decapoda-brachyura (zoeae)																											100)%	(n=3-train=2701)	0.01	0.67	0.02	
Osteichthyes (larvae)																											100)%	Eurytemora spp. (n=1-train=1730) Decapoda-brachyura (zoeae)		0.00	0.00	
Paracalanus spp.																								100%					(n=1-train=277)	0.00	0.00	0.00	
	Acartic	Bivalvio	Copepa	Podo	Oin	Thonas of	alano;	PSelido	Hydro	Cast	Temo,	Bryo.	Poly	Ascidio	Harpa	Centro	Chin	Obelle Ob	Change Change	Cirry	Ded. Schole	Decap	Fritilla	Curyte	Decap.	Osteich.	odracolanus Sp.	bidocera spp. Spp.	Osteichthyes (larvae) (n=1-train=43)	0.00	0.00	0.00	
		Sighia Spp.	Copepo	Podol (naul	10/:		0, (0,	Pseudol (ci.cii)	A Ptomi	's (med	Temologia (la.	12.	Roa Poly	Ascidio Ascidi	Hapac, acad land	Centrol Ticoida Se	ages st	ermata	DD. (1)	SPP	Pedia Parae	danus	Ton b	(2) DD.	Decape	da brach,	les (lan Spp.	Phidocera Spp. Spp.			0.00	0.00	
					(i)	20		Y		500	9)	deline	Polyto Rina)		Harpac (land	ツ ?	Pibenthe	· ·	drage	1150)	. 6	ソップ	Pitilla, Pon b.	achyura	<i>(</i>)	Osteichthy Poda brachyure	(toes		Calanus spp. (n=0-train=109)	_	-	-	
													10/												(arvae)		%)	Extra	Labidocera spp. (n=0-train=493)	_	-	-	
															Predic	cted V	⁄alues											training classes	Tortanus spp. (n=0-train=111)	_	_	_	
																													macro avg (corr)	0.35	0.45	0.35	
																													weighted avg	0.84	0.68	0.73	

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample



