Use of SCN features: Yes

Actual Values

Max learning objects: Maximum objects/class Strategy N° 3

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

Classification Report Matrix													
max	available	learning	objects	per class									

precision recall f1-score

									Conf	lusion	Matrix	κ – In ₁	oercen	t of Ac	ctual V	⁄alue									ma	available	learning ol	bjects per cla	ass
																										precision	recall	f1-score	
Cirripedia (larvae)	77%	1%	<1%	15%	<1%	1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%		<1%	1%	1%		<1%				<1%	<1%	Cirripedia (larvae) (n=3231-train=6358)	0.93	0.77	0.84	
Acartia spp.		80%	<1%	<1%			6%					40	40	<1%		<1%		40	<1%		<1%	<1%	4.0	40	Acartia spp. (n=2290-train=4410)	0.88	0.80	0.84	
Oikopleura spp. Podon/Pleopsis spp.		2%	82% <1%	3% 55%	2%	1%	<1%	<1%		~1%			<1% 3%	<1%	2%	3% <1%		<1%	<1%	<1%		<1%	<1% 1%	<1%	Oikopleura spp. (n=1773-train=4507)	0.82	0.82	0.82	
Fritillaria spp.			52%	<1%	33%	2%	<1%		<1%				<1%		4%	<1%	270						170		Podon/Pleopsis spp. (n=607-train=3605)	0.32	0.55	0.41	
Evadne spp.			<1%	13%		65%		<1%	5%		<1%	<1%	5%		<1%								<1%		Fritillaria spp. (n=475-train=844)	0.81	0.33	0.47	
Corycaeidae	<1%	14%	2%	1%		1%	72%	<1%	4%			<1%		<1%		1%	1%	<1%	<1%			<1%			Evadne spp. (n=358-train=981)	0.54	0.65	0.59	
Calanoida (ci-ciii)	19%	17%	<1%	13%		4%	11%	9%	9%			4%			10%								4%		Corycaeidae (n=335-train=1760)	0.58	0.72	0.64	0.8
Paracalanus spp.	<1%	6%	<1%	1%		1%	<1%		84%				<1%	1%		<1%						2%			Calanoida (ci-ciii) (n=150-train=313)	0.29	0.09	0.14	
Gastropoda (larvae/Limacina)	6%	4%		53% 17%		6%	10,	2%	2%	17%	78%	2%	<1%		<1%								<1% 2%		Paracalanus spp. (n=141-train=1525)	0.24	0.84	0.37	
Bivalvia (larvae) Polychaeta (larvae)	25%	6%		18%		1% 5%			5%	1/0	70%	26%	3%		2%	2%	3%	3%					2/0		Gastropoda (larvae/Limacina) (n=126-train=291)	0.81	0.17	0.29	
Hydrozoa (medusa)			2%	2%		4%			4%				82%			5%	2%								Bivalvia (larvae) (n=96-train=119)	0.83	0.78	0.81	0.6
Centropages spp.		28%	4%				2%		2%			2%		20%		2%	4%	18%	16%			2%			Polychaeta (larvae) (n=65-train=661)	0.27	0.26	0.26	
Echinodermata (larvae)	5%			14%	2%	50%						2%	14%			10%							2%		Hydrozoa (medusa) (n=55-train=301)	0.37	0.82	0.51	
Calycophorae (nectophore)												3%	8%	3%		78%	3%	5%							Centropages spp. (n=50-train=119)	0.25	0.20	0.22	
Decapoda-brachyura (zoeae)		40,		3%		402			6%				150	3%		6%	81%	6E%							Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00	0.4
Decapoda-non brachyura (larvae) Tortanus spp.	4%	4%				4%							15%	8%		25%	12% 17%	65% 12%	29%						Calycophorae (nectophore) (n=37-train=966)	0.10	0.78	0.30	
Ascidiacea (larvae)			61%													20 0	., 0	0	23 0	39%					Decapoda-brachyura (zoeae) (n=32-train=343)		0.81	0.38	
Oithona spp.		53%	12%		12%		6%							12%				6%							Decapoda-non brachyura (larvae) (n=26-train=219)	0.44	0.65	0.52	
Pseudocalanus spp.									43%							14%		14%				29%			Tortanus spp. (n=24-train=88)	0.26	0.29	0.27	0.2
Copepoda (nauplii)	25%			50%				25%																	Ascidiacea (larvae) (n=23-train=54)	0.02	0.39	0.53	
Bryozoa (larvae)		40	O;,	<i>₽</i>	☆ :	Ş,	C	G.	Ø ₂	Ç,	S _i	A.	4,	C	Ć,	Ç,	0	0	\frac{1}{20}	40	Q:	8	G	Ø,	O:4h	0.00	0.00	0.00	
	Ciriped	ia la r	Spp.	Podon, Spp.	Pleopsis Sp.		The Coryce	Calant Calant	Paraca Poida (ci.ciii)	Castro,	Doda (1)	Polychi (larvae)	Plydros Peta (lange)	Od Mari	Chinologes Spp.	Calycop Germata (la)	Thorage !	Oda bra	Poda Por	Ascidiace Spp.	Oithon	o Spp.	ocalanis Sph	Bryozod (nauplii)	(n=17-train=44) Pseudocalanus spp. (n=7-train=65)	0.11	0.29	0.16	
		Nac)	,	<i>"</i> ⊅	3/5 5/2	Ġ.			Ciii	, %	'and	Polyche (lange)	drag	dusa) % <u>)</u>	da	phorae (nect	tophore,	Portanti	Ascidiace Spp. Chyura lanae	nde	7	5/1/2	? "Olii)	(n=7-train=65) Copepoda (nauplii) (n=4-train=233)	0.00	0.00	0.00	0.0
												(na)						ツ	de	(land	(S)				(n=4-train=233) Bryozoa (larvae) (n=1-train=50)		0.00	0.00	
											F	redicte	d Value	ès											(n=1-train=50) macro avg		0.46	0.39	
																									weighted avg		0.71	0.73	

Predicted Taxa

Relative Abundance of Top Taxonomic Instances per Sample



