Use of SCN features: Yes

Actual Values

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

PA Selected Samples prediction using PA 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

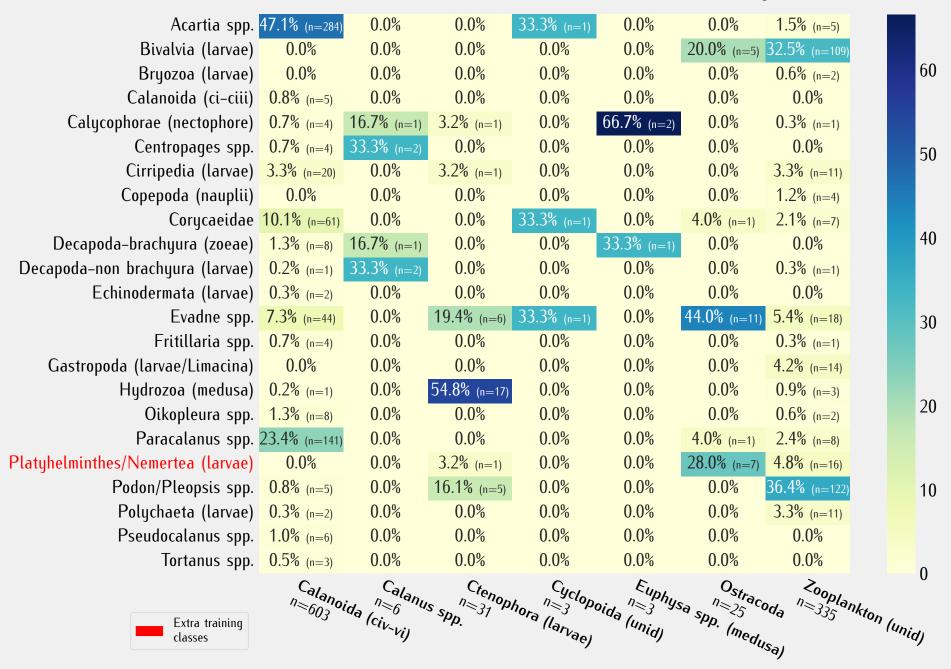
Confusion Matrix – In percent of Actual Value

Classification Report Matrix												
max av	ailable lea	rning objects	s per class									

precision recall f1-score

									C	omus	ion iv	iairix	– In	percer	11 01 /	₹Ctua	ı valı	16								· · · · · · · · · · · · · · · · · · ·	arattaste t	-		luss
Cirrinadia (larvaa)	770,	10,	_10/	1 /10/	~10 _/	2%		~10 _/	<1%	~10 _/	~10 _/	~10 _/	_10,		<1%	10,	1%		<1%				<1%	~10 ₂	<1%	Cirripedia (larvae)	precision		f1-score	
Cirripedia (larvae)										< 1/0	< 1/0	< 1/0	< 1/0										< 1/0	< 1/0	< 1/0	(n=3231-train=6358)	0.92	0.77	0.84	
Acartia spp.							6%				4.0	4.0	4.0	<1%			<1%	4.0	<1%			<1%	4.0		4.0	Acartia spp. (n=2290-train=4410)	0.00	0.80	0.84	
Oikopleura spp.			82%						1%					<1%				<1%	<1%	<1%	<	<1%			<1%	(n=1773-train=4507)	0.82	0.82	0.82	
Podon/Pleopsis spp.									10%	<1%			3%				1%				4.0		<1%		<1%	(n=607-train=3605)		0.55	0.42	
Fritillaria spp.							<1%		<1%				<1%			<1%					<1%		10		<1%	Fritillaria spp. (n=475-train=844)	0.81	0.33	0.47	
Evadne spp.			<1%			67%			5%		<1%	<1%	5%		<1%								<1%		<1%	Evadne spp. (n=358-train=981)	0.55	0.67	0.61	
Corycaeidae							72%							<1%		1% 	<1%	<1%	<1%		<	<1%			<1%	Corycaeidae	0.50	0.72	0.65	
Calanoida (ci-ciii)						3%		10%				4%			10%								4%		<1%	Calanoida (ci-ciii)	0.20	0.10	0.15	
Paracalanus spp.							<1%		82%		_	_		<1%		<1%	<1%					3%				(n=150-train=313) Paracalanus spp.		0.82	0.37	
Gastropoda (larvae/Limacina)						4%		2%	2%		8%	<1%	2%		<1%								<1%			(n=141-train=1525) Gastropoda (larvae/Limacina)				
Bivalvia (larvae)							1%			1%	77%				_		_						2%		6%	(n=126-train=291)	0.75	0.19	0.30	
Polychaeta (larvae)		8%		17%		3%	3%		5%			25%			2%	2%	3%	5%								Bivalvia (larvae) (n=96-train=119)	0.02	0.77	0.80	
Hydrozoa (medusa)			2%	2%		4%			4%				84%			5%										Polychaeta (larvae) (n=65-train=661)	0.31	0.25	0.27	
Centropages spp.		26%	4%				2%		2%			2%		18%			10%	16%	16%			4%				Hydrozoa (medusa) (n=55-train=301)	0.37	0.84	0.52	
Echinodermata (larvae)				17%	2%	50%			5%				14%			7%							2%			Centropages spp. (n=50-train=119)	0.25	0.18	0.21	
Calycophorae (nectophore)												3%	8%			78%	5%	5%								Echinodermata (larvae) (n=42-train=2649)	0.00	0.00	0.00	
Decapoda-brachyura (zoeae)		3%							3%					3%		3%	81%									Calycophorae (nectophore) (n=37-train=966)	0.10	0.78	0.31	
Decapoda-non brachyura (larvae) _		4%				4%							12%				4%	77%								Decapoda-brachyura (zoeae)	0.25	0.81	0.39	
Tortanus spp.		8%	0.10											4%		29%	1/%	12%	25%	0.00						(n=32-train=343) Decapoda-non brachyura (larvae)	0.47	0.77	0.58	
Ascidiacea (larvae)		6.50	61%		400									4.00				60		39%						(n=26-train=219) Tortanus spp.				
Oithona spp.		65%	6%		12%									12%		4.40		6%				400				(n=24-train=88)	0.21	0.25	0.23	
Pseudocalanus spp.				500					29%			0.50				14%		14%			4	43%				Ascidiacea (larvae) (n=23-train=54)		0.39	0.53	
Copepoda (nauplii)				50%								25%														Oithona spp. (n=17-train=44)	0.00	0.00	0.00	
Bryozoa (larvae)		40	Q:.	\sqrt{\omega}	<u> </u>		G	C	, A	C.	& .	Ø.	4	G	<u>~</u> .	C	0	0	ک	40	Q:	A ₂	G	& 4	D ₁	Pseudocalanus spp. (n=7-train=65)	0.16	0.43	0.23	
	Cirrin	edia (1	Oikol Solo:	Podo Neuro Sp.	on please	illaria Sp.	no Spp.	Calana Calana	Parace Police (ci. Ci.	Castro Nanus Sph	Bivallar Car	Polyci (lande)	Hydro lar	Centrol Noa (medus	Chinology Spp.	derm	Phor Cal	Decape	Odd Dran	Tus Sp.	Cithona Siacea (lange)	Spr	Copepoe de la lus sp	Bryozod (lan	Pacticoi.	Copepoda (nauplii) (n=4-train=233) Bryozoa (larvae) (n=1-train=50) Harpacticoida- epibenthic (n=0-train=47) Extra	0.00	0.00	0.00	
		(an	a _e ,	50%		is 200	, ,	6	(0)		Clar	nae/1.	(lar	nedus	8) Sp.	'AKA	lana (1)	actopy of the second	Jura 1	brach,	(lande)	<i>y</i> ,	1115 84	o Pauplii)	de da	Bryozoa (larvae) (n=1-train=50)	0.00	0.00	0.00	
												MACI	ina)				\mathcal{Y}	nore	, topo	Pe)	(lano					Harpacticoida- epibenthic (n=0-train=47)		-	_	
																					*%/				tr	raining raining raining raining		-	_	
												Pr	edicte	d Valu	es										cl	lasses (n=0-train=145) macro avg (corr)		0.47	0.40	
																												0.72	0.73	
																										weighted avg	0.70	0.72	0.73	

Predictions of discarded taxa from training



Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

