Use of SCN features: No

Max learning objects: Maximum objects/class Strategy N° 6

Actual Values

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

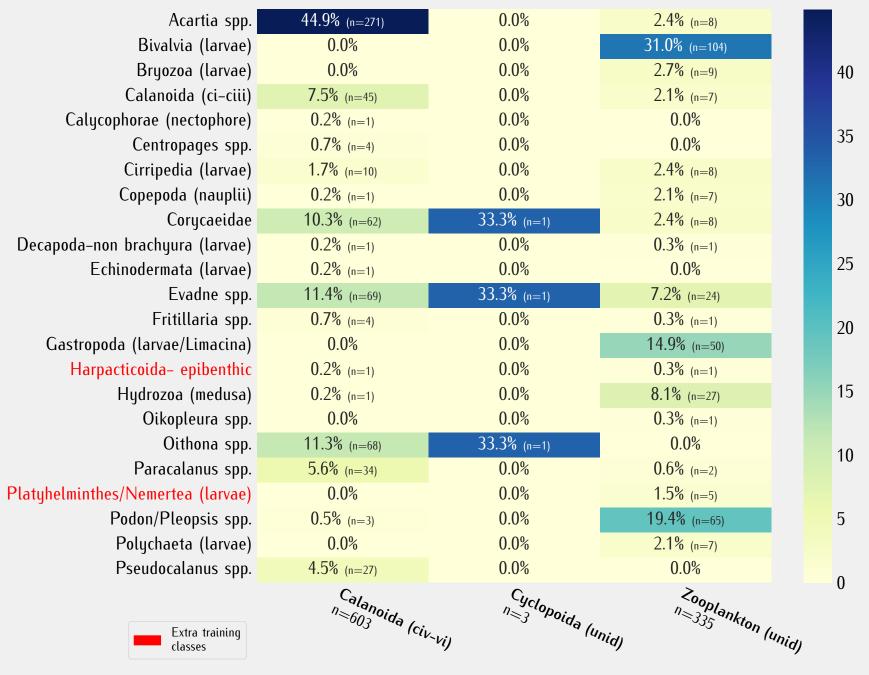
Confusion Matrix – In percent of Actual Value

Classification Report Matrix max available learning objects per class

precision recall f1-score

											Conf	fusio	n Ma	trix – In	perce	ent of A	ctual	Value	e								IIIdX	avallable t		-	dSS
																											Cirrinadia (lanyaa)	precision		f1-score	
Cirripedia (larvae)  Acartia spp.									<1%		i	<1%		<1% 1% <1%		<1% <1%	<19	<1%	<1%		<1% <		<1% <1%	<1%	<19	<1%	Cirripedia (larvae) (n=3231-train=7685) Acartia spp.	0.31	0.73	0.82	
Oikopleura spp.		2%							<1%		0/2	/1%		<1% <1%		< 1/0	<19	<u> </u>		<1%			<1%	<b>~1%</b>		o <1%	(n=2290-train=111319)	0.01	0.70	0.76	
Podon/Pleopsis spp.				47%		26%			4%				<1%		270	<1% <		0	170		<1%		<1%		-	5 < 1% 5 < 1%	(n=1773-train=5305)	0.90	0.67	0.77	
Fritillaria spp.	0.0	3%			65%	1%		<19				2.0	2%	1%		170				<1%		170	<1%	<1%	-		Podon/Pleopsis spp. (n=607-train=7347)	0.37	0.47	0.42	
Evadne spp.	4%					73%		2%		2%	1%		8%		<1%	<	%				<1%		<1%	1%			Fritillaria spp. (n=475-train=6992)	0.47	0.65	0.54	
Corycaeidae						1%			1%					<1%	<1%		<19	ó			2%	2%			s <1 <sup>9</sup>	5	Evadne spp. (n=358-train=11064)		0.73	0.45	
Calanoida (ci-ciii)	11%	11%	<1%	16%		13%	11%	14%	ś 3%			<1%		4%							11%		2%		2%		Corycaeidae (n=335-train=1760)	0.46	0.48	0.47	
Paracalanus spp.	<1%	21%	<1%	3%		3%		1%	43%	ś				<1%								28%					Calanoida (ci-ciii) (n=150-train=5557)	0.16	0.14	0.15	
Gastropoda (larvae/Limacina)	2%	2%		17%		13%		3%		53%	6%					<	%				2%		<1%				Paracalanus spp. (n=141-train=1619)	0.44	0.43	0.43	
Bivalvia (larvae)				5%			1%			5%	82%		3%										2%			1%	Gastropoda (larvae/Limacina)	0.50	0.53	0.51	0
Polychaeta (larvae)	15%	8%		14%		15%	2%	2%		2%	5	26%	2%		6%		3%			2%		3%	2%				(n=126-train=3272)  Bivalvia (larvae)	0.81	0.82	0.82	
Hydrozoa (medusa)		4%				9%				2%	i	15%	62%		4%	25	% 2%						2%				(n=96-train=3764) Polychaeta (larvae)	0.20	0.26	0.28	
Centropages spp.		50%			4%									22%			2%		6%			8%	8%				(n=65-train=1577) Hydrozoa (medusa)	0.20	0.62	0.31	
Echinodermata (larvae)					2%	7%						5%	76%		5%	25	8 2%										(n=55-train=4052) Centropages spp.		_		0
Calycophorae (nectophore)								3%				3%	3%	5%	73%		8%					5%					(n=50-train=3620) Echinodermata (larvae)	0.11	0.22	0.29	
Decapoda-brachyura (zoeae)	3%	25%		3%		3%								9%	6%	25%	9%					6%	9%				(n=42-train=3043)	0.00	0.00	0.00	
Ctenophora (larvae)				6%		13%				10%	6		29%		3%	10	%										Calycophorae (nectophore) (n=37-train=966)	0.23	0.73	0.37	
Decapoda-non brachyura (larvae)		4%		4%									4%				73%						12%				<b>Decapoda-brachyura (zoeae)</b> (n=32-train=628)	0.50	0.25	0.30	
Ostracoda				4%		32%	4%				28%							8%								16%	Ctenophora (larvae) (n=31-train=42)	0.38	0.10	0.15	0
Tortanus spp.		29%			470.									17%	17%	4%			25%	700.	4%						<b>Decapoda-non brachyura (larvae)</b> (n=26-train=423)		0.73	0.57	
Ascidiacea (larvae)		47%	13%		17%									6%						70%	240						Ostracoda (n=25-train=25)	0.25	0.08	0.12	
Oithona spp.  Pseudocalanus spp.		29%	6%		18%									0%							24%	71%					Tortanus spp. (n=24-train=203)	0.50	0.25	0.33	
Calanus spp.		17%															50%					17%	17%				Ascidiacea (larvae) (n=23-train=861)	0.64	0.70	0.67	
Copepoda (nauplii)		., 0		25%				25%	5														50%				Oithona spp. (n=17-train=5881)		0.24	0.02	0
Euphysa spp. (medusa)															100%												Pseudocalanus spp. (n=7-train=4845)	0.06	0.71	0.12	
Bryozoa (larvae)																											Calanus spp. (n=6-train=4645)  (n=6-train=359)		0.17	0.12	
		Acar	Oif.	, Pod	, Arit	· · · · · · · · · · · · · · · · · · ·	y Cor	Col.	, Par	ني ري	Sx. Biva	Polu	1/4/	Cenz. Chi	. Colu	O <sub>e</sub> Co	de De	C C C	Tortal.	Scient	Oithe	D Sell	Cala Copa	Cyp Bryo	4/01	Play	(n=b-train=359)  Copepoda (nauplii)	0.04	0.50	0.08	
	Ciripo	dia (la	100	Polloura St.	An Please	ilaria Sp	The Sp.	CARINA	anoida (C	Calanus	Stropoda (	Nia land	Shaeta (	Centropages Prae (medisa)	Podermar	Decapoda (Pecapoda)	Jenophora brachyura	Poda no		Ascidio Pho.	Oithona Cea (lar	, 100 Dp.	Calanus Spp.	EUPHUSQ SPP.	700/la	acticoide	Copepoda (nauplii) (n=4-train=11555)  Euphysa spp. (medusa) (n=3-train=3)  Bryozoa (larvae) (n=1-train=1142)	0.00	0.00	0.00	0
		· · · · ·	des	^,	Ø, °	15 /2/2.				Cii	<i>%</i> "	anac/1		rae dusa)	(d) .c	(lande)	Chyurd	(ande)	" brachy,		an.	(Pe)	30/2.	"Plij	medi		(n=3-train=3)  Pribents Bryozoa (larvae)	0.00			
											Stropoda (		acina)			9	Ore	TORDE	Tortal, acoda on brachyu,	a lano						)	Copepoda (nauplii) (n=4-train=11555)  Euphysa spp. (medusa) (n=3-train=3)  Bryozoa (larvae) (n=1-train=1142)  Harpacticoida- epibenthic (n=0-train=555)	0.00	0.00	0.00	
																				<b>4</b> 0)						1	training Platubalminth as (Nomente a (Januar)	_	-	-	
														Predicte	d Val	ues											Platyhelminthes/Nemertea (larvae) (n=0-train=183)	-	-	-	
																											macro avg (corr)	0.36	0.43	0.35	
																											weighted avg	0.76	0.65	0.69	

## Predictions of discarded taxa from training



**Predicted Taxa** 

Actual discarded Taxa

Relative Abundance of Top Taxonomic Instances per Sample

