

Table S1. *Sardina pilchardus*. Total carbon content per stomach (CC) and relative contribution to prey carbon content (%C) by maturity stage (adult and juvenile), season (spring 2018 and fall 2018) and area (WC- West coast and SC- South coast). Unident.: unidentified

Prey item	Spring								Fall					
	Adult				Juvenile				Adult		Juvenile			
	WC CC (µg)	%C	SC CC (µg)	%C	WC CC (µg)	%C	SC CC (µg)	%C	WC CC (µg)	%C	WC CC (µg)	%C	SC CC (µg)	%C
PHYTOPLANKTON														
unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyceae														
Unident.	11.7	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.3	0.0	2.8	0.1	0.9	0.0
<i>Ceratium</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis acuta</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
<i>Dinophysis caudata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis acuminata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis rotundata</i>	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Prorocentrum micans</i>	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
<i>Protoperdinium</i> spp.	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.4	0.0	0.0	0.0
<i>Scropsiella</i> spp.	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Dinophyceae	13.4	0.0	1.2	0.0	0.1	0.0	2.4	0.0	0.4	0.0	3.4	0.1	1.0	0.0
Bacillariophyceae														
Unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Centric diatoms	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pennate diatoms	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bidulphyia alternans</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Coscinodiscus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Diploneis</i> spp.	1.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
<i>Navicula</i> spp.	52580.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paralia sulcata</i>	31.3	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	590.4	12.3	0.0	0.0
<i>Pseudo-nitzschia</i> spp.	67936.4	0.9	0.0	0.0	0.0	0.0	9.7	0.0	31.0	0.6	5.0	0.6	0.0	0.0

Prey item	Spring								Fall					
	Adult				Juvenile				Adult		Juvenile			
	WC CC (µg)	%C	SC CC (µg)	%C	WC CC (µg)	%C	SC CC (µg)	%C	WC CC (µg)	%C	WC CC (µg)	%C	SC CC (µg)	%C
<i>Thalassiosira</i> spp.	0.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhizosolenia</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.4	0.0	0.0
Total Bacillariophyceae	120553.6	20.3	0.0	0.0	0.0	0.9	9.7	0.0	31.1	1.1	624.9	13.3	0.0	0.0
Total phytoplankton	120580.4	20.3	2.4	0.0	0.1	0.9	14.6	0.0	31.9	1.1	631.6	13.4	2.0	0.0
ZOOPLANKTON														
Ophiuroidea Larvae	4.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
Chaetognatha	0.0	0.0	0.0	0.0	0.0	0.0	146.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Tintinnoinea	0.0	0.0	1.1	0.0	0.0	0.0	6.6	0.0	2.6	0.0	0.7	0.0	0.0	0.0
Lamelibranchia veligera	0.0	0.7	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gastropoda	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crustaceans														
Unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.5	0.0	0.0	0.0	0.0
<i>Podon</i> spp.	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crustacean eggs	2809.3	5.4	4013.3	38.8	0.0	0.0	29498.1	10.1	0.0	0.0	0.0	0.0	1486.6	0.2
Crustacean nauplii	34141.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Copepod eggs	8984.6	22.8	3667.2	35.4	0.0	0.0	5570.5	2.0	58.8	2.8	628.9	14.0	7528.4	5.3
Copepod egg sacs	0.0	0.0	0.0	0.0	0.0	0.0	19051.6	14.1	614.0	15.4	0.0	0.0	1766.8	0.2
Copepod nauplii	29.1	0.0	836.7	8.1	0.0	0.0	5739.6	2.1	0.0	0.0	0.0	0.0	619.8	0.1
Unident. Copepods	4.1	0.5	19.4	0.2	10.8	0.6	47.2	0.2	21.4	0.6	15.6	0.6	4.7	0.1
Unident. Harpacticoida	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euterpina</i> spp.	2.0	0.0	0.0	0.0	0.5	0.0	1.1	0.0	0.5	0.0	1.4	0.1	0.2	0.0
<i>Microsetella</i> spp.	403.1	0.4	0.0	0.0	80.7	4.8	190.5	1.2	19.0	0.5	7.0	0.8	42.0	1.1
Total Harpacticoida	405.2	0.4	0.0	0.0	81.2	4.8	191.5	1.2	19.5	0.6	8.4	0.9	42.2	1.2
<i>Oncaea</i> spp.	594.1	17.3	663.7	6.4	478.7	28.2	20247.2	50.2	1117.3	37.6	710.2	38.8	1123.5	29.0
<i>Corycaeus</i> spp.	0.5	0.0	0.0	0.0	16.1	0.9	23.8	0.1	0.4	0.0	0.2	0.0	0.7	0.1
Total Poecilostomatoida	594.6	17.4	663.7	6.4	494.7	29.2	20271.1	50.3	1117.7	37.6	710.4	38.9	1124.2	29.1
Cyclopoida: <i>Oithona</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.1	9.9	1.2	4.9	0.0

Prey item	Spring								Fall					
	Adult				Juvenile				Adult			Juvenile		
	WC CC (µg)	%C	SC CC (µg)	%C	WC CC (µg)	%C	SC CC (µg)	%C	WC CC (µg)	%C	WC CC (µg)	%C	SC CC (µg)	%C
Unident. Calanoida	0.0	0.0	0.0	0.0	107.5	6.3	43.5	0.3	32.3	0.8	4.1	0.5	6.9	0.1
<i>Calanus helgolandicus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paracalanus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0
<i>Clausocalanus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
<i>Temora</i> spp.	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
<i>Centropages</i> spp.	111.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0	642.9	22.1	472.5	9.7	0.0	0.0
<i>Candacia</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acarthia</i> spp.	1090.0	0.0	0.0	0.0	96.3	5.7	54.5	0.2	107.8	3.6	39.3	0.9	6.6	0.0
Total Calanoida	1201.4	7.5	0.1	0.0	203.8	12.0	98.1	0.5	784.0	26.5	516.2	11.1	13.5	0.1
Total copepods	2234.3	25.8	1519.8	14.7	790.5	46.6	26347.5	54.2	1948.7	65.4	1260.5	52.7	1809.3	30.5
Cirripedia	774.1	24.5	1129.5	10.9	263.6	15.5	4546.3	15.3	327.0	12.1	124.5	4.6	217.5	14.8
Decapoda	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	471048.9	48.7
<i>Brachyura</i> zoe	66.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apendicularia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total zooplankton	49014.2	79.2	10332.1	99.9	1054.1	62.2	85171.9	99.7	2963.6	96.3	2014.6	71.3	483857.5	99.8
Mucilaginous cyst	0.8	0.0	0.3	0.0	0.2	0.0	0.4	0.0	4.5	0.2	1.9	0.2	0.5	0.0
Fish eggs														
Unident. Fish eggs	17.9	0.5	3.9	0.0	54.4	3.2	43.4	0.2	7.3	0.3	10.0	0.5	3.2	0.2
<i>Engraulis encrasicolus</i> eggs	0.1	0.0	0.0	0.0	566.6	33.4	24.6	0.1	0.1	0.0	0.0	0.0	0.2	0.0
<i>Sardina pilchardus</i> eggs	0.5	0.0	7.3	0.1	5.1	0.3	0.0	0.0	85.7	2.1	778.3	14.6	0.0	0.0
Total fish eggs	18.5	0.5	11.3	0.1	626.2	36.9	68.0	0.3	93.1	2.4	788.4	15.1	3.4	0.2

Table S2. *Engraulis encrasicolus*. Total carbon content per stomach (CC) and relative contribution to prey carbon content (%C) by maturity stage (adult and juvenile), season (spring 2018 and fall 2018) and area (WC- West coast and SC- South coast). Unident.: unidentified

Prey item	Spring								Fall			
	Adult				Juvenile				Adult		SC	
	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC
	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C
PHYTOPLANKTON												
unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyceae												
Unident.	0.6	0.0	0.0	0.0	0.2	0.0	0.2	0.0	1.0	0.0	0.0	0.0
<i>Ceratium</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis acuta</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis caudata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis acuminata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis rotundata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Prorocentrum micans</i>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Protoperidinium</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Scropsiella</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Dinophyceae	0.8	0.0	0.0	0.0	0.2	0.0	0.2	0.0	1.1	0.0	0.0	0.0
Bacillariophyceae												
Unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Centric diatoms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pennate diatoms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bidulphya alternans</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Coscinodiscus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Diploneis</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Navicula</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paralia sulcata</i>	0.0	0.0	0.0	0.0	519.6	10.9	553.5	0.0	0.0	0.0	0.0	0.0
<i>Pseudo-nitzschia</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Prey item	Spring								Fall			
	Adult				Juvenile				Adult			
	WC		SC		WC		SC		WC		SC	
	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C
<i>Thalassiosira</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhizosolenia</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Bacillariophyceae	0.0	0.0	0.0	0.0	519.6	10.9	553.5	0.0	0.0	0.0	0.0	0.0
Total phytoplankton	0.8	0.0	0.0	0.0	519.8	10.9	553.7	0.0	1.1	0.0	0.0	0.0
ZOOPLANKTON												
Ophiuroidea Larvae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chaetognatha	0.0	0.0	0.0	0.0	0.0	0.0	160.9	0.0	0.0	0.0	0.0	0.0
Tintinnoinea	0.0	0.0	9.6	0.0	59.1	0.0	14.7	0.0	11.9	0.0	0.0	0.0
Lamelibranchia veligera	0.0	0.0	0.0	1.2	0.0	1.2	9.8	0.2	0.0	0.1	0.0	0.0
Gastropoda	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0
Crustaceans												
Unident.	0.0	0.0	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Podon</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crustacean eggs	0.0	0.0	0.0	0.0	1153.8	24.2	0.0	0.0	889.6	3.6	1463.2	48.7
Crustacean nauplii	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Copepod eggs	1444.0	38.8	0.0	0.0	0.0	0.0	2090.4	10.2	9985.8	84.8	0.0	0.0
Copepod egg sacs	0.0	0.0	201.7	25.2	0.0	0.0	1951.7	6.7	0.0	0.0	0.0	0.0
Copepod nauplii	0.0	0.0	0.0	0.0	2405.4	50.5	461.8	0.0	370.9	1.5	0.0	0.0
Unident. Copepods	28.7	1.3	1.0	0.1	18.3	0.4	9.5	0.4	2.3	0.0	19.4	4.1
Unident. Harpacticoida	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euterpina</i> spp.	0.5	0.0	0.3	0.0	2.0	0.0	0.2	0.0	1.0	0.0	0.0	0.0
<i>Microsetella</i> spp.	302.5	8.1	0.0	0.0	0.0	0.0	270.9	21.5	0.0	0.0	0.0	0.0
Total Harpacticoida	303.0	8.1	0.3	0.0	2.0	0.0	271.1	21.5	1.0	0.0	0.0	0.0
<i>Oncaea</i> spp.	18.8	0.5	550.6	68.7	0.0	0.0	5380.4	34.8	2220.7	9.5	118.4	46.9
<i>Corycaeus</i> spp.	26.8	1.3	1.4	0.2	2.2	0.0	4.8	0.2	0.0	0.0	0.0	0.0
Total Poecilostomatoida	45.6	1.8	552.0	68.9	2.2	0.0	5385.3	35.0	2220.7	9.5	118.4	46.9
Cyclopoida: <i>Oithona</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0

Prey item	Spring								Fall			
	Adult				Juvenile				Adult			
	WC		SC		WC		SC		WC		SC	
	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C
Unident. Calanoida	56.6	2.5	0.0	0.0	105.2	2.2	0.0	0.0	16.8	0.1	0.0	0.0
<i>Calanus helgolandicus</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paracalanus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Clausocalanus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Temora</i> spp.	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Centropages</i> spp.	951.5	45.2	34.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Candacia</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acarthia</i> spp.	0.0	0.0	0.0	0.0	184.9	3.9	32.1	0.3	0.0	0.0	0.0	0.0
Total Calanoida	1008.3	47.7	34.3	4.3	290.2	6.1	32.1	0.3	16.8	0.1	0.0	0.0
Total copepods	1385.6	58.9	587.6	73.4	2718.1	57.0	6159.8	57.2	2612.2	11.1	137.8	51.0
Cirripedia	78.1	2.1	0.0	0.0	306.8	6.4	2108.7	25.5	92.7	0.4	0.0	0.0
Decapoda	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Brachyura zoe</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apendicularia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total zooplankton	2907.7	99.8	791.0	100.0	4178.7	88.9	12310.5	100.0	13580.3	100.0	1601.0	99.7
Mucilaginous cyst	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Fish eggs												
Unident. Fish eggs	5.2	0.2	0.0	0.0	7.5	0.2	0.0	0.0	0.5	0.0	0.0	0.0
<i>Engraulis encrasicolus</i> eggs	0.5	0.0	0.0	0.0	1.2	0.0	0.4	0.0	0.0	0.0	9.6	0.3
<i>Sardine pilchardus</i> eggs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total fish eggs	5.7	0.2	0.0	0.0	8.7	0.2	0.4	0.0	0.5	0.0	9.6	0.3

Table S3. *Scomber colias*. Total carbon content per stomach (CC) and relative contribution to prey carbon content (%C) by maturity stage (adult and juvenile), season (spring 2018 and fall 2018) and area (WC- West coast and SC- South coast). Unident.: unidentified

Prey item	Spring						Fall						
	Adult		Juvenile		Adult		Juvenile		Adult		Juvenile		
	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	
	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	
PHYTOPLANKTON													
unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dinophyceae													
Unident.	1.0	0.0	0.4	0.0	10.7	0.0	0.2	0.0	0.6	0.0	0.4	0.1	
<i>Ceratium</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis acuta</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis caudata</i>	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis acuminata</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Dinophysis rotundata</i>	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Prorocentrum micans</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
<i>Protoperidinium</i> spp.	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Scropsiella</i> spp.	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Dinophyceae	1.3	0.0	0.4	0.0	11.8	0.0	0.3	0.0	0.7	0.0	0.5	0.1	
Bacillariophyceae													
Unident.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Centric diatoms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pennate diatoms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Bidulphya alternans</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Coscinodiscus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Diploneis</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Navicula</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Paralia sulcata</i>	0.0	0.0	151.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Pseudo-nitzschia</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Prey item	Spring						Fall					
	Adult		WC		Juvenile		Adult		WC		Juvenile	
	SC	%C	CC (µg)	%C	CC (µg)	%C	WC	%C	SC	%C	CC (µg)	%C
	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C
<i>Thalassiosira</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Rhizosolenia</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Bacillariophyceae	0.0	0.0	151.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total phytoplankton	1.3	0.0	151.9	2.2	11.9	0.0	0.3	0.0	0.7	0.0	0.5	0.1
ZOOPLANKTON												
Ophiuroidea Larvae	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chaetognatha	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tintinnoinea	13.7	0.0	0.0	0.0	95.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lamelibranchia veligera	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Gastropoda	2.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crustaceans												
Unident.	9.8	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Podon</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crustacean eggs	3643.4	0.0	5451.9	79.3	11386.5	13.1	0.0	0.0	53564.8	80.5	4050.1	36.0
Crustacean nauplii	0.0	0.0	0.0	0.0	1293.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0
Copepod eggs	5631.4	12.4	0.0	0.0	4597.9	0.0	3668.7	91.4	7846.6	16.9	4122.2	13.9
Copepod egg sacs	939.0	13.4	0.0	0.0	330.4	0.0	0.0	0.0	0.0	0.0	64.3	10.3
Copepod nauplii	0.0	0.0	0.0	0.0	2635.5	0.0	0.0	0.0	1405.6	1.4	0.0	0.0
Unident. Copepods	63.2	0.1	4.8	0.1	45.1	0.0	0.2	0.0	17.3	0.0	4.3	0.9
Unident. Harpacticoida	0.0	0.0	0.0	0.0	5272390.3	33.3	0.0	0.0	0.0	0.0	0.0	0.0
<i>Euterpina</i> spp.	0.1	0.0	0.2	0.0	1.8	0.0	0.0	0.0	0.2	0.0	0.1	0.1
<i>Microsetella</i> spp.	25.8	1.0	64.4	0.9	84.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Total Harpacticoida	25.9	1.1	64.6	0.9	5272476.8	34.0	0.0	0.0	0.2	0.0	0.1	0.1
<i>Oncaea</i> spp.	2830.1	0.4	54.0	0.8	1879.8	5.7	6.7	0.2	420.5	0.7	91.3	23.2
<i>Corycaeus</i> spp.	6.3	0.0	0.8	0.0	3.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0
Total Poecilostomatoida	2836.4	0.4	54.8	0.8	1882.8	5.8	6.7	0.2	420.8	0.7	91.4	23.2
Cyclopoida: <i>Oithona</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Prey item	Spring						Fall					
	Adult		WC		Juvenile		Adult		WC		Juvenile	
	SC	%C	CC (µg)	%C	CC (µg)	%C	WC	%C	SC	%C	WC	%C
	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C	CC (µg)	%C
Unident. Calanoida	182.4	0.2	0.0	0.0	62.3	0.0	0.6	0.0	0.7	0.0	0.0	0.0
<i>Calanus helgolandicus</i>	0.0	0.0	0.0	0.0	48.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0
<i>Paracalanus</i> spp.	0.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Clausocalanus</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
<i>Temora</i> spp.	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Centropages</i> spp.	0.0	0.0	887.2	12.9	3828.8	1.2	77.7	1.9	0.0	0.0	0.0	0.0
<i>Candacia</i> spp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Acarthia</i> spp.	49.3	2.0	30.8	0.4	93.8	0.0	0.0	0.0	1.6	0.0	8.9	10.2
Total Calanoida	232.2	2.2	918.0	13.4	4034.3	1.2	79.5	2.0	2.3	0.0	9.0	10.2
Total copepods	3157.7	3.7	1042.1	15.2	5281074.5	41.0	86.3	2.1	1846.2	2.1	104.7	34.5
Cirripedia	281.9	1.1	224.5	3.3	2354.7	8.8	0.0	0.0	52.6	0.2	0.0	0.0
Decapoda	100677143.4	66.6	0.0	0.0	11926288.5	33.3	0.0	0.0	0.0	0.0	0.0	0.0
<i>Brachyura</i> zoe	29.1	0.0	0.0	0.0	27.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Apendicularia	9.5	0.1	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total zooplankton	100690845.2	97.6	6718.5	97.7	17227376.0	99.0	3755.0	93.5	63310.1	99.7	8341.4	94.6
Mucilaginous cyst	2.5	0.0	0.1	0.0	3.1	0.0	0.0	0.0	0.3	0.0	3.7	3.3
Fish eggs												
Unident. Fish eggs	78.2	2.2	1.1	0.0	243.8	0.6	0.9	0.0	11.9	0.0	11.0	1.7
<i>Engraulis encrasicolus</i> eggs	0.2	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Sardine pilchardus</i> eggs	4.3	0.2	2.1	0.0	38.1	0.3	258.9	6.4	274.3	0.3	1.7	0.3
Total fish eggs	82.6	2.4	3.3	0.0	291.4	1.0	259.8	6.5	286.2	0.3	12.7	2.0

Table S4. Mean number of prey per stomach content by species (sardine – PIL, anchovy – ANE, Atlantic chub mackerel – VMA), maturity stage (adult and juvenile), season (spring 2018 and fall 2018) and area (WC- West coast and SC- South coast). Unident.: unidentified

Prey item	PIL							ANE						VMA					
	Spring				Fall			Spring				Fall		Spring			Fall		
	Adult		Juvenile		Adult	Juvenile		Adult		Juvenile		Adult	Juvenile		Adult		Juvenile		
	WC	SC	WC	SC	WC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	
Phytoplankton Unident.	0	0	0	6	0	0	0	0	0	0	0	0	0	44	0	52	0	0	0
Dinophyceae Unident.	2853	1314	0	268	85	1167	577	471	29	296	74	640	0	522	498	2305	229	375	140
<i>Ceratium</i> spp.	0	0	71	6	0	12	0	0	0	0	0	0	0	0	0	0	0	0	7
<i>Dinophysis acuta</i>	0	0	0	9	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis caudata</i>	0	0	0	6	0	7	9	0	0	0	0	0	0	0	0	12	0	0	0
<i>Dinophysis acuminata</i>	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis rotundata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
<i>Prorocentrum micans</i>	244	114	0	0	0	36	0	36	0	0	0	0	0	0	0	0	98	48	8
<i>Protoperidinium</i> spp.	18	0	24	64	25	202	30	28	0	0	3	27	0	0	0	56	0	0	0
<i>Scropsiella</i> spp.	244	229	0	12	0	24	0	54	0	33	0	0	0	0	0	378	0	0	0
Cyst	0	0	0	0	7	0	0	0	0	0	0	0	0	267	0	0	0	0	0
Bacillariophyceae Unident.	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centric diatoms	3177	343	0	0	0	41	0	90	0	164	0	13	0	0	77	104	0	113	21
Pennate diatoms	7209	0	0	12	43	49	9	0	15	0	0	0	0	0	38	19	0	0	5
<i>Bidulphya alternans</i>	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	98	457	0	6	23	24	21	64	0	0	0	0	0	44	0	12	33	96	0
<i>Diploneis</i> spp.	0	0	24	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	244	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	2443	0	0	0	0	50	0	0	0	131	21	0	0	0	38	0	0	0	0
<i>Pseudo-nitzschia</i> spp.	37	0	0	6	36	10	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia</i>	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0
Ophiuroidea Larvae	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Chaetognatha	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Prey item	PIL							ANE						VMA					
	Spring				Fall			Spring				Fall		Spring			Fall		
	Adult		Juvenile		Adult	Juvenile		Adult		Juvenile		Adult	Spring		Fall	Adult		Juvenile	
	WC	SC	WC	SC	WC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	
Tintinnoinea	0	57	0	37	27	12	0	0	15	0	0	13	0	44	0	12	0	0	0
Lamelibranchia veligera	19	0	0	1	0	0	0	0	15	89	6	9	0	9	0	21	0	0	0
Gastropoda	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Crustaceans Unident.	0	0	0	0	22	0	0	0	15	0	0	0	0	37	0	35	0	0	0
<i>Podon</i> spp.	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crustacean eggs	24	114	0	91	0	0	21	0	0	33	0	13	21	44	155	57	0	763	29
Crustacean nauplii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0
Copepod eggs	2811	1143	0	189	4	65	1173	270	0	0	220	1556	0	752	0	237	1143	1223	321
Copepod egg sacs	0	0	0	700	35	0	254	0	58	0	118	0	0	95	0	0	0	0	5
Copepod nauplii	0	57	0	43	0	0	21	0	0	164	12	13	0	0	0	24	0	48	0
Unident. Copepods	114	321	180	189	71	86	39	199	17	304	46	19	161	210	81	144	3	144	18
Unident. Harpacticoida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
<i>Euterpina</i> spp.	23	0	18	7	4	17	3	7	11	73	2	18	0	1	6	10	0	3	1
<i>Microsetella</i> spp.	0	0	12	6	1	0	3	27	0	0	10	0	0	2	10	1	0	0	0
<i>Oncaea</i> spp.	55	141	102	928	48	50	120	2	117	0	265	237	13	204	12	78	1	45	5
<i>Oithona</i> spp.	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corycaeus</i> spp.	1	0	78	28	0	0	2	53	7	10	5	0	0	13	4	2	0	1	0
Unident. Calanoida	0	0	162	20	10	2	5	37	0	159	0	13	0	41	0	21	1	1	0
<i>Calanus helgolandicus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0
<i>Paracalanus</i> spp.	0	0	0	0	1	4	0	0	0	0	0	0	0	9	0	6	0	0	0
<i>Clausocalanus</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Temora</i> spp.	9	174	42	49	21	14	83	152	12	225	23	9	50	42	17	34	1	19	7
<i>Centropages</i> spp.	1	0	0	0	5	6	0	15	1	0	0	0	0	0	35	31	3	0	0
<i>Candacia</i> spp.	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	17	0	1	0
<i>Acarthia</i> spp.	1	0	30	4	7	4	1	0	0	58	2	0	0	7	10	2	0	0	1
Cirripedia	31	77	18	53	4	3	7	3	0	21	28	3	0	8	15	29	0	2	0
Decapoda	0	0	0	0	0	0	1	0	0	0	0	0	0	89	0	11	0	0	0

Prey item	PIL							ANE						VMA					
	Spring				Fall			Spring				Fall		Spring			Fall		
	Adult		Juvenile		Adult	Juvenile		Adult		Juvenile		Adult	Spring		Fall		Juvenile		
	WC	SC	WC	SC	WC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	SC	WC	
<i>Brachyura zoe</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
Apendicularia	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	0	0	0
Mucilaginous cyst	897	857	499	176	2350	1639	653	248	15	99	17	451	63	1130	192	970	65	452	2419
Unident. Fish eggs	1	1	8	1	0	0	0	0	0	1	0	0	0	4	0	4	0	1	0
<i>Engraulis encrasicolus</i> eggs	0	0	489	4	0	0	0	0	0	1	0	0	4	0	0	1	0	0	0
<i>Sardina pilchardus</i> eggs	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	10	5	0

Table S5. Summary of percentage of dissimilarity between species and areas with the different prey items, resulting from a Permutation test for ADONIS model.

Prey Species	Average dissimilarity	SD	% contribution	Abundance A	Abundance B	Cumulative contribution
Spring: Sardine vs Anchovy						
Decapoda	0.083617	0.104487	0.8003	0.00000	6.5919	0.1901
Crust. Eggs & nauplii	0.058525	0.045380	1.2896	5.87923	6.3896	0.3231
Calanoida	0.048493	0.030287	1.6011	2.00951	4.9052	0.4334
Other copepods	0.046476	0.061356	0.7575	2.96215	5.4489	0.5390
Poecilostomatoida	0.034772	0.027991	1.2423	6.73277	4.9679	0.6181
Phytoplankton	0.031768	0.039205	0.8103	2.22853	1.0959	0.6903
Cirripedia	0.031549	0.029022	1.0871	5.71248	4.7610	0.7620
Lamellibranchia Veliger	0.023040	0.019524	1.1801	0.88623	1.5189	0.8144
Other fish eggs	0.018855	0.013131	1.4360	2.12866	2.9134	0.8573
Anchovy eggs	0.018233	0.023324	0.7817	1.33625	0.3603	0.8987
Sardine eggs	0.015402	0.015233	1.0111	0.39373	0.9927	0.9337
Unid. crustaceans	0.009198	0.018725	0.4912	0.00000	0.6766	0.9546
Chaetognatha	0.007531	0.022912	0.3287	0.49908	0.0000	0.9717
Appendicularia	0.006075	0.010029	0.6058	0.00000	0.4080	0.9856
Tintinnida	0.005280	0.008031	0.6574	0.27724	0.2121	0.9976
<i>Podon spp.</i>	0.001072	0.003256	0.3291	0.07709	0.0000	1.0000
Gastropoda	0.000000	0.000000	NaN	0.00000	0.0000	1.0000
Echinodermata	0.000000	0.000000	NaN	0.00000	0.0000	1.0000
Spring: West coast vs South coast						
Crust. Eggs & nauplii	0.0741256	0.053340	1.3897	4.8746	6.59262	0.1686
Calanoida	0.0490975	0.037895	1.2956	3.8246	2.99189	0.2803
Phytoplankton	0.0479656	0.047369	1.0126	3.4134	0.83565	0.3894
Decapoda	0.0454120	0.089506	0.5074	0.0000	3.46943	0.4927
Poecilostomatoida	0.0421754	0.028823	1.4633	4.3725	6.21963	0.5887
Cirripedia	0.0387855	0.040730	0.9523	4.9794	4.90883	0.6769
Other copepods	0.0384721	0.048307	0.7964	3.3468	4.26759	0.7644

Prey Species	Average dissimilarity	SD	% contribution	Abundance A	Abundance B	Cumulative contribution
Lamellibranchia Veliger	0.0267226	0.021385	1.2496	1.2351	1.28061	0.8252
Other fish eggs	0.0238576	0.015739	1.5158	1.7965	2.04962	0.8795
Anchovy eggs	0.0173372	0.026249	0.6605	0.8582	0.56914	0.9189
Sardine eggs	0.0112574	0.015335	0.7341	0.3289	0.57391	0.9445
Unid. crustaceans	0.0050108	0.014876	0.3368	0.0000	0.35610	0.9559
Chaetognatha	0.0048916	0.021121	0.2316	0.0000	0.26267	0.9670
Echinodermata	0.0042775	0.018397	0.2325	0.0000	0.26774	0.9768
Tintinnida	0.0038816	0.007716	0.5030	0.0000	0.27069	0.9856
Appendicularia	0.0033232	0.008205	0.4050	0.0000	0.21473	0.9932
Gastropoda	0.0023195	0.010014	0.2316	0.0000	0.12531	0.9984
<i>Podon spp.</i>	0.0006829	0.002940	0.2322	0.0000	0.04057	1.0000
Fall: Sardine vs Anchovy						
Crust. Eggs & nauplii	0.10451	0.06777	1.5422	4.17911	5.9142	0.1923
Calanoida	0.09200	0.05888	1.5626	3.93783	0.7317	0.3616
Cirripedia	0.07533	0.06391	1.1787	3.03279	1.1351	0.5003
Sardine eggs	0.05990	0.05119	1.1703	2.36255	0.0000	0.6105
Poecilostomatoida	0.05957	0.02900	2.0546	5.07262	4.5016	0.7202
Phytoplankton	0.04339	0.05370	0.8081	1.81222	0.2113	0.8000
Other copepods	0.02727	0.02015	1.3534	2.16087	1.6142	0.8502
Decapoda	0.02410	0.07399	0.3257	1.30627	0.0000	0.8946
Other fish eggs	0.02265	0.01676	1.3518	0.91993	0.0940	0.9363
Anchovy eggs	0.01532	0.02624	0.5839	0.02829	0.5898	0.9645
Lamellibranchia Veliger	0.01395	0.02002	0.6969	0.00000	0.7073	0.9901
Tintinnida	0.00536	0.00895	0.5990	0.18206	0.1005	1.0000
Unid. crustaceans	0.00000	0.00000	NaN	0.00000	0.0000	1.0000
<i>Podon spp.</i>	0.00000	0.00000	NaN	0.00000	0.0000	1.0000
Gastropoda	0.00000	0.00000	NaN	0.00000	0.0000	1.0000
Appendicularia	0.00000	0.00000	NaN	0.00000	0.0000	1.0000
Chaetognatha	0.00000	0.00000	NaN	0.00000	0.0000	1.0000

Prey Species	Average dissimilarity	SD	% contribution	Abundance A	Abundance B	Cumulative contribution
Echinodermata	0.00000	0.00000	NaN	0.00000	0.0000	1.0000
Fall: Sardine vs Atlantic chub mackerel						
Crust. Eggs & nauplii	0.1107708	0.073303	1.5111	4.17911	6.8867	0.2058
Calanoida	0.0779844	0.048957	1.5929	3.93783	1.2829	0.3507
Cirripedia	0.0767309	0.062244	1.2328	3.03279	0.5687	0.4933
Poecilostomatoida	0.0703554	0.047007	1.4967	5.07262	3.2053	0.6241
Sardine eggs	0.0649879	0.048588	1.3375	2.36255	1.7395	0.7448
Phytoplankton	0.0427362	0.054161	0.7891	1.81222	0.1794	0.8242
Other copepods	0.0406855	0.025550	1.5924	2.16087	0.8538	0.8998
Other fish eggs	0.0250861	0.018179	1.3800	0.91993	0.9088	0.9465
Decapoda	0.0240536	0.073461	0.3274	1.30627	0.0000	0.9912
Tintinnida	0.0041612	0.009322	0.4464	0.18206	0.0000	0.9989
Anchovy eggs	0.0005984	0.001284	0.4658	0.02829	0.0000	1.0000
Unid. crustaceans	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000
<i>Podon spp.</i>	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000
Lamellibranchia Veliger	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000
Gastropoda	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000
Appendicularia	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000
Chaetognatha	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000
Echinodermata	0.0000000	0.000000	NaN	0.00000	0.0000	1.0000

Table 6. Sensitivity analysis of egg mortality estimations. Egg consumption of anchovy eggs by sardines during the spring of 2018, in the North western coast of Portugal is used as example. Hypothesis test for different values of spatial overlap between the eggs and the predators, different gastric evacuation rates of eggs (g) and different durations of feeding (t).

Hypothesis	mean n eggs in stomach (EE)	g (h ⁻¹)	t (h)	daily ration (eggs ind ⁻¹ day ⁻¹)	spatial overlap (%)	Nº sardines NW 2018	daily consumption eggs (eggs day ⁻¹)	daily production of eggs NW 2018 (eggs day ⁻¹)	Egg mortality (%)
Assumptions made in this manuscript (see M&M)	279	0.701	13	2546	0.21	263928	671936882	948563980	71
spatial overlap =100%	279	0.701	13	2546	1	1256799	3199699440	948563980	337
spatial overlap =50%	279	0.701	13	2546	0.5	628400	1599849720	948563980	169
spatial overlap = 30%	279	0.701	13	2546	0.3	377040	959909832	948563980	101
g (sardine) 0.2105 h ⁻¹ (Nikolioudakis et al. 2011)	279	0.2105	13	764	0.21	263928	201772773	948563980	21
g (sprat) = 0.0328 h ⁻¹ (Bernreuther et al. 2009)	279	0.0328	13	119	0.21	263928	31440128	948563980	3
predation on eggs all day (t = 24h)	279	0.701	24	4700	0.21	263928	1240498860	948563980	131
predation on eggs at minimum light conditions (t = 15 h)	279	0.701	15	2938	0.21	263928	775311787	948563980	82
predation on eggs just at dawn (t = 6 h)	279	0.701	6	1175	0.21	263928	310124715	948563980	33