

		Levene test	1-way ANOVA		Tukey	Kruskal-Wallis		Mann-Whitney
		p-value	F	p-value	p-value	H	p-value	p-value
Tot. zooplankton	Month	0.01	1.2	0.4	-	-	-	-
	Season	0.05	-	-	-	7.9	0.04	< 0.05 for Au vs Su
	Year	0.2	-	-	-	16.9	0.03	< 0.05 for 2005 vs 2006, 2009 and 2006 vs 2007
	Period	0.6	-	-	-	3.3	0.07	-
Zooplankton biomass	Month	< 0.01	1.6	0.15	-	-	-	-
	Season	0.1	-	-	-	3.7	0.3	-
	Year	0.4	-	-	-	12.5	0.1	-
	Period	0.5	-	-	-	2.5	0.1	-
Copepoda	Month	0.004	0.9	0.6	-	-	-	-
	Season	0.04	2.01	0.1	-	-	-	-
	Year	0.2	-	-	-	19.6	0.01	< 0.02 for 2005 vs 2006, 2009 and 2007 vs 2006, 2009
	Period	0.9	-	-	-	1.4	0.2	-
Decapoda	Month	0.02	0.7	0.7	-	-	-	-
	Season	< 0.01	3.8	0.02	< 0.03 for Wi vs Sp, Au	-	-	-
	Year	0.1	-	-	-	16.2	0.04	< 0.04 for 2005 vs 2013, 2014
	Period	0.03	0.3	0.7	-	-	-	-
Cnidaria	Month	< 0.01	1.6	0.1	-	-	-	-
	Season	0.01	3.3	0.03	p=0.05 for Su vs Au	-	-	-
	Year	0.1	-	-	-	13.5	0.1	-
	Period	0.04	2.08	0.2	-	-	-	-
Diplostraca	Month	< 0.01	1.04	0.4	-	-	-	-
	Season	< 0.01	2.2	0.1	-	-	-	-
	Year	0.05	0.4	0.9	-	-	-	-
	Period	0.4	-	-	-	0.27	0.6	-
Cirripedia	Month	< 0.01	1.38	0.2	-	-	-	-
	Season	0.1	-	-	-	8.17	0.04	< 0.01 for Au vs Sp
	Year	0.02	1	0.5	-	-	-	-
	Period	0.04	2.8	0.1	-	-	-	-
Euphausiacea	Month	< 0.01	0.6	0.8	-	-	-	-
	Season	0.02	1.5	0.2	-	-	-	-
	Year	< 0.01	5.04	< 0.01	< 0.04 for 2015 vs 2005-2010, 2014	-	-	-
	Period	0.01	2.8	0.1	-	-	-	-
Polychaeta	Month	0.07	-	-	-	16.5	0.1	-
	Season	0.01	2.5	0.07	-	-	-	-
	Year	< 0.01	1.7	0.1	-	-	-	-
	Period	0.07	-	-	-	3.4	0.06	-
Mollusca	Month	< 0.01	1.2	0.3	-	-	-	-
	Season	0.03	1.2	0.3	-	-	-	-
	Year	< 0.01	6.4	< 0.01	< 0.03 for 2013 vs 2005-2007; 2015 vs 2005-2009	-	-	-
	Period	0.01	2.5	0.1	-	-	-	-
Chaetognatha	Month	< 0.01	1.3	0.3	-	-	-	-
	Season	0.002	3.1	0.04	No significant comparisons	-	-	-
	Year	0.04	1.3	0.3	-	-	-	-
	Period	0.6	-	-	-	0.05	0.8	-
Appendicularia	Month	0.01	0.7	0.7	-	-	-	-
	Season	0.01	2.6	0.07	-	-	-	-
	Year	0.02	1.3	0.3	-	-	-	-
	Period	0.6	-	-	-	1.1	0.3	-
Fish eggs & larvae	Month	0.01	0.5	0.9	-	-	-	-
	Season	0.4	-	-	-	10.8	0.01	< 0.03 for Sp vs Su, Au
	Year	< 0.01	25.3	< 0.01	< 0.01 for 2013 vs 2005-2015; 2014 vs 2005-2013	-	-	-
	Period	0.5	-	-	-	4.3	0.04	< 0.04 Upwelling vs Downwelling

	Levene test		1-way ANOVA		Tukey p-value	Kruskal-Wallis		Mann-Whitney p-value
	p-value	F	p-value	H		p-value		
<i>Clausocalanus</i> spp.	Month	< 0.01	1.03	0.4	-	-	-	-
	Season	< 0.01	2.1	0.1	-	-	-	-
	Year	< 0.01	3.4	0.01	< 0.03 for 2013 vs 2005-2009	-	-	-
	Period	< 0.01	3.8	0.06	-	-	-	-
<i>Paracalanus</i> spp.	Month	< 0.01	1.3	0.3	-	-	-	-
	Season	< 0.01	1.8	0.2	-	-	-	-
	Year	< 0.01	1.6	0.2	-	-	-	-
	Period	< 0.01	2.5	0.1	-	-	-	-
<i>Acartia</i> spp.	Month	< 0.01	0.8	0.7	-	-	-	-
	Season	0.2	-	-	-	4.7	0.2	-
	Year	0.2	-	-	-	17.2	0.03	< 0.02 for 2006 vs 2005-2008
	Period	0.8	-	-	-	2.4	0.1	-
<i>Calanus</i> spp.	Month	0.002	0.5	0.92	-	-	-	-
	Season	0.1	-	-	-	3.2	0.4	-
	Year	0.01	0.95	0.5	-	-	-	-
	Period	0.7	-	-	-	2.5	0.1	-
<i>Centropages</i> spp.	Month	< 0.01	1.2	0.3	-	-	-	-
	Season	0.04	0.9	0.5	-	-	-	-
	Year	0.07	-	-	-	6.8	0.6	-
	Period	0.3	-	-	-	0.2	0.7	-
<i>Oithona</i> spp.	Month	< 0.01	1.1	0.4	-	-	-	-
	Season	0.03	0.7	0.6	-	-	-	-
	Year	0.2	-	-	-	11.6	0.2	-
	Period	0.05	1.03	0.3	-	-	-	-
<i>Oncaea</i> spp.	Month	0.02	0.6	0.8	-	-	-	-
	Season	< 0.01	2.04	0.1	-	-	-	-
	Year	0.3	-	-	-	5.7	0.7	-
	Period	0.004	1.8	0.2	-	-	-	-
Calanoida	Month	< 0.01	0.9	0.6	-	-	-	-
	Season	0.1	-	-	-	3.9	0.3	-
	Year	0.1	-	-	-	14.2	0.08	-
	Period	0.4	-	-	-	1.4	0.2	-
Cyclopoida	Month	0.03	0.7	0.7	-	-	-	-
	Season	< 0.01	2.03	0.1	-	-	-	-
	Year	0.2	-	-	-	11.7	0.2	-
	Period	0.003	2.4	0.1	-	-	-	-

		Levene test	1-way ANOVA		Tukey	Kruskal-Wallis		Mann-Whitney
		p-value	F	p-value	p-value	H	p-value	p-value
Shannon-Wiener diversity	Month	0.3	-	-	-	9.6	0.6	-
	Season	0.3	-	-	-	4.6	0.2	-
	Year	0.3	-	-	-	6.6	0.6	-
	Period	0.98	-	-	-	0.09	0.8	-
Simpson diversity	Month	0.2	-	-	-	12.4	0.3	-
	Season	0.2	-	-	-	4.98	0.2	-
	Year	0.6	-	-	-	7.4	0.5	-
	Period	0.99	-	-	-	0.08	0.8	-
Pielou's Eveness	Month	0.3	-	-	-	8.8	0.6	-
	Season	0.5	-	-	-	2.9	0.4	-
	Year	0.4	-	-	-	5.8	0.7	-
	Period	0.9	-	-	-	< 0.01	0.99	-
Menhinick taxonomic richness index	Month	0.004	0.7	0.69	-	-	-	-
	Season	0.1	-	-	-	2.5	0.5	-
	Year	< 0.01	1.7	0.13	-	-	-	-
	Period	0.02	3.4	0.07	-	-	-	-
Margalef's species richness	Month	0.4	-	-	-	8.7	0.7	-
	Season	0.04	1.6	0.2	-	-	-	-
	Year	0.4	-	-	-	12	0.2	-
	Period	0.2	-	-	-	0.6	0.4	-
SST	Month	0.1	-	-	-	31.5	< 0.01	< 0.04 for Mar vs Jun, Jul, Sep-Nov and Apr/May vs Jun, Oct < 0.04 between all seasons except Au vs Su
	Season	0.1	-	-	-	20.9	< 0.01	
	Year	0.02	1.2	0.3	-	-	-	
	Period	0.5	-	-	-	0.001	0.97	
UI	Month	0.003	5.1	< 0.01	< 0.02 for Oct vs Mar-Sep	-	-	-
	Season	0.3	-	-	-	25.2	< 0.01	< 0.01 between all seasons
	Year	0.3	-	-	-	7.1	0.5	-
	Period	0.1	-	-	-	25.7	< 0.01	< 0.01 between both periods
Chl	Month	0.07	-	-	-	4.5	0.95	-
	Season	0.7	-	-	-	1.8	0.6	-
	Year	0.6	-	-	-	15.1	0.06	-
	Period	0.9	-	-	-	< 0.01	0.99	-
Pp	Month	< 0.01	2.7	0.02	< 0.04 for Nov vs Jun, Jul	-	-	-
	Season	< 0.01	8.9	< 0.01	< 0.01 for Au vs Sp, Su	-	-	-
	Year	0.2	-	-	-	9.9	0.3	-
	Period	< 0.01	26.6	< 0.01	< 0.01	-	-	-