

Supplementary Material

Table S1 Tarsus length and mass of Yellow-legged gull chicks in the years of 2009, 2010 and 2011. Values presented are mean and standard deviation.

Year	Sample size	Tarsus length (mm)	Mass (g)
2009	183	46.1 ± 13.8	377.4 ± 258.2
2010	32	43.1 ± 15.7	329.3 ± 275.4
2011	134	46.0 ± 14.1	377.4 ± 292.6
Total	349		

Table S2 Frequency of occurrence (%), size (carapace width, mm) and number of crabs (per pellet) in the diet of adult Yellow-legged gulls in two periods (June and July) in the years of 2009, 2010 and 2011. Values presented are mean and standard deviation.

Period	Crabs/Pellet	N	Carapace width	N	FO %	N
June 2009	3,9 ± 2,3	198	39,3 ± 2,4	171	95,1	429
July 2009	3,6 ± 1,9	193	39,4 ± 2,8	187	86,5	304
June 2010	5,9 ± 3,3	159	38,6 ± 4,2	152	96,4	167
July 2010	3,2 ± 1,9	12	41,7 ± 4,2	9	24,5	49
June 2011	2,0 ± 2,4	11	45,1 ± 1,9	9	5,2	211
July 2011	4,1 ± 2,6	97	40,5 ± 3,0	92	45,8	247
June 2012	4,6 ± 2,8	135	38,6 ± 2,6	130	87,3	158
July 2012	5,2 ± 2,4	97	38,4 ± 2,3	95	94,2	103

Table S3 Landings (in tonnes) in the Peniche harbour of the ten most important species caught by fisheries, during the months of June and July, between 2009 and 2012 (Direção Geral de Recursos Naturais).

Species	2009	2010	2011	2012	Total
European pilchard <i>Sardina pilchardus</i>	1750	1606	1194	569	5119
Atlantic chub mackerel <i>Scomber colias</i>	66	126	636	556	1384
Horse mackerel <i>Trachurus trachurus</i>	173	206	141	315	835
Blue jack mackerel <i>Trachurus picturatus</i>	106	49	156	228	540
Common octopus <i>Octopus vulgaris</i>	115	126	99	106	446
European conger <i>Conger conger</i>	98	91	79	66	335
European hake <i>Merluccius merluccius</i>	47	51	38	54	192
Pouting <i>Trisopterus luscus</i>	69	40	16	20	146
Wreckfish <i>Polyprion americanus</i>	50	28	33	28	138
Silver scabbardfish <i>Lepidopus caudatus</i>	48	2	30	4	83

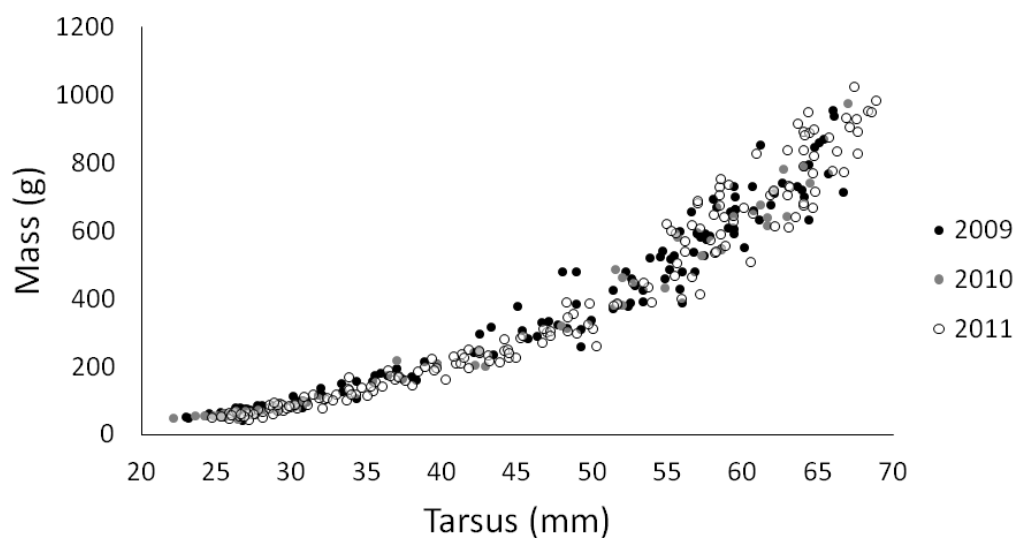


Figure S1 Relation between the tarsus length and mass of Yellow-legged gull chicks in the years of 2009, 2010 and 2011.