

The following supplement accompanies the article

Assessment of spawning of Atlantic bluefin tuna farmed in the western Mediterranean Sea

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Aquaculture Environment Interactions 8: 89–98 (2016)

Table S1. Data of the ABFT used in the present study. BW, total body weight; F, female; FL, straight fork length; GSI, gonadosomatic index; GW, gonad weight; Histo class, histological classification (ANS, active nonspawning; ANS*, transition to IM; AS, active spawning; R, resting; IM, inactive mature); JD, Julian day of the corresponding year (from 1 to 366 in 2012, from 1 to 365 in 2013 and 2014); M, male; NA, not applicable; N POF, number of postovulatory follicles (proxy for realised batch fecundity); N POF g⁻¹, number of postovulatory follicles per gram of total body weight (proxy for relative realised batch fecundity); SST, sea surface temperature.

Sampling date (dd/mm/yyyy)	JD	Time since capture (mo)	Gender	FL (cm)	BW (kg)	GW (kg)	GSI	Histo class	N POF (×10 ⁶)	N POF g ⁻¹	SST (°C)
20/07/2012	202	25	F	169	82.90	1.90	2.29	IM	NA	NA	24.67
30/07/2012	212	25	F	159	75.60	1.42	1.88	IM	NA	NA	25.11
06/08/2012	219	24	F	163	83.37	1.26	1.51	R	NA	NA	25.39
28/06/2012	180	24	F	157	71.89	2.46	3.42	ANS*	NA	NA	24.87
03/08/2012	216	26	F	167	78.14	1.94	2.48	ANS*	NA	NA	25.83
04/06/2012	156	24	F	155	77.77	2.20	2.83	ANS	NA	NA	20.62
08/06/2012	160	24	F	151	76.90	1.44	1.87	ANS*	NA	NA	21.71
18/06/2012	170	24	F	160	83.96	5.22	6.22	ANS	NA	NA	22.86
25/06/2012	177	24	F	144	63.04	1.76	2.79	ANS*	NA	NA	23.68
02/07/2012	184	25	F	163	85.39	2.60	3.04	ANS	NA	NA	21.46
06/07/2012	188	25	F	150	78.65	2.32	2.95	ANS	NA	NA	23.16
11/07/2012	193	1	F	182	134.21	2.58	1.92	ANS	NA	NA	24.88
16/07/2012	198	25	F	162	83.01	1.64	1.98	ANS	NA	NA	23.89
23/07/2012	205	25	F	167	82.89	2.32	2.80	ANS	NA	NA	22.56
27/07/2012	209	25	F	163	82.73	2.14	2.59	ANS	NA	NA	24.51
11/06/2012	163	24	F	206	145.00	5.90	4.07	AS	3.89	26.84	21.53
09/07/2012	191	25	F	164	87.14	1.16	1.33	AS	1.77	20.35	24.04
12/07/2012	194	25	F	161	83.85	1.48	1.76	AS	0.54	6.49	24.34

Sampling date (dd/mm/yyyy)	JD	Time since capture (mo)	Gender	FL (cm)	BW (kg)	GW (kg)	GSI	Histo class	N POF ($\times 10^6$)	N POF g ⁻¹	SST (°C)
10/07/2013	191	1	F	210	160.55	8.50	5.29	IM	NA	NA	26.35
23/07/2013	204	1	F	197	121.28	1.30	1.07	R	NA	NA	27.03
23/07/2013	204	1	F	204	129.07	1.90	1.47	R	NA	NA	27.03
22/07/2013	203	1	F	196	129.99	0.95	0.73	R	NA	NA	26.92
29/07/2013	210	13	F	209	175.53	2.12	1.21	R	NA	NA	25.44
31/07/2013	212	1	F	210	150.73	1.10	0.73	R	NA	NA	26.12
02/08/2013	214	14	F	207	170.69	1.44	0.84	R	NA	NA	26.57
13/06/2013	164	12	F	222	246.42	3.40	1.38	ANS*	NA	NA	19.81
25/06/2013	176	12	F	219	235.48	7.35	3.12	ANS*	NA	NA	19.78
27/06/2013	178	12	F	193	143.77	6.58	4.58	ANS*	NA	NA	20.09
04/07/2013	185	13	F	204	135.40	4.94	3.65	ANS	NA	NA	23.78
17/07/2013	198	13	F	215	198.27	9.50	4.79	ANS	NA	NA	26.33
19/07/2013	200	13	F	231	208.61	9.38	4.50	ANS*	NA	NA	25.92
22/07/2013	203	13	F	206	156.05	4.50	2.88	ANS*	NA	NA	26.92
26/07/2013	207	13	F	217	198.49	4.25	2.14	ANS*	NA	NA	27.51
01/07/2013	182	13	F	214	190.21	11.46	6.02	AS	0	NA	21.47
10/06/2013	161	12	F	214	187.40	4.22	2.25	AS	1.19	6.37	17.15
17/06/2013	168	12	F	217	210.96	6.15	2.92	AS	9.92	47.04	21.9
21/06/2013	172	12	F	232	289.01	9.50	3.29	AS	13.98	48.38	21.03
08/07/2013	189	13	F	206	173.24	4.04	2.33	AS	10.18	58.75	24.89
11/07/2013	192	13	F	215	214.01	7.18	3.35	AS	13.01	60.78	26.09
23/07/2013	204	13	F	214	163.05	4.55	2.79	AS	2.96	18.17	27.03
05/06/2013	156	12	M	241	306.20	1.75	0.57	LS	NA	NA	17.08
10/07/2013	191	13	M	239	303.67	5.20	1.71	LS	NA	NA	26.35
22/07/2013	203	1	M	220	174.98	0.30	0.17	S	NA	NA	26.92
25/07/2013	206	1	M	210	164.68	0.65	0.39	S	NA	NA	27.65
25/07/2013	206	1	M	213	208.52	0.85	0.41	S	NA	NA	27.65
30/07/2013	211	1	M	216	180.78	0.46	0.25	S	NA	NA	25.41

Sampling date (dd/mm/yyyy)	JD	Time since capture (mo)	Gender	FL (cm)	BW (kg)	GW (kg)	GSI	Histo class	N POF ($\times 10^6$)	N POF g ⁻¹	SST (°C)
31/07/2014	212	13	F	217	229.36	3.30	1.44	IM	NA	NA	23.91
04/08/2014	216	14	F	220	221.98	2.10	0.95	R	NA	NA	24.93
06/06/2014	157	12	F	196	176.97	4.00	2.26	ANS	NA	NA	20.07
19/06/2014	170	12	F	212	260.54	9.90	3.80	ANS	NA	NA	21.90
23/06/2014	174	12	F	225	230.87	9.20	3.98	ANS	NA	NA	23.65
26/06/2014	177	12	F	215	243.61	9.50	3.90	ANS	NA	NA	22.10
21/07/2014	202	13	F	196	174.66	5.65	3.23	ANS	NA	NA	22.78
24/07/2014	205	13	F	225	228.72	7.60	3.32	ANS	NA	NA	24.00
02/06/2014	153	12	F	190	153.16	6.90	4.51	ANS*	NA	NA	18.03
30/05/2014	150	11	F	202	189.52	6.50	3.43	ANS	NA	NA	17.86
09/06/2014	160	12	F	216	241.76	8.50	3.52	AS	14.64	60.55	20.23
12/06/2014	163	12	F	193	166.74	5.85	3.51	AS	11.66	69.90	20.38
16/06/2014	167	12	F	220	268.59	9.25	3.44	AS	5.00	18.61	20.58
25/06/2014	176	12	F	234	331.05	9.60	2.90	AS	18.80	56.80	21.03
01/07/2014	182	13	F	218	230.48	6.84	2.97	AS	9.47	41.09	22.23
07/07/2014	188	13	F	242	357.50	9.60	2.69	AS	23.34	65.29	22.51
08/07/2014	189	13	F	191	153.73	4.85	3.15	AS	10.65	69.25	22.39
14/07/2014	195	13	F	208	188.65	4.00	2.12	AS	8.10	42.96	21.64
30/05/2014	150	11	M	205	202.50	7.00	3.46	LS	NA	NA	17.86
02/06/2014	153	12	M	201	189.17	6.70	3.54	LS	NA	NA	18,03
06/06/2014	157	12	M	233	274.57	4.60	1.68	LS	NA	NA	20,07
09/06/2014	160	12	M	211	224.05	NA	NA	LS	NA	NA	20,23
12/06/2014	163	12	M	173	122.43	1.80	1.47	LS	NA	NA	20,38
16/06/2014	167	12	M	198	192.32	NA	NA	LS	NA	NA	20,58
19/06/2014	170	12	M	247	388.66	4.40	1.13	LS	NA	NA	21,90
23/06/2014	174	12	M	215	252.84	11.90	4.71	LS	NA	NA	23.65
26/06/2014	177	12	M	220	277.67	10.05	3.62	LS	NA	NA	22.1
01/07/2014	182	13	M	221	251.43	5.48	2.18	LS	NA	NA	22.23

07/07/2014	188	13	M	266	453.11	NA	NA	LS	NA	NA	22.51
08/07/2014	189	1	M	232	200.09	3.95	1.97	LS	NA	NA	22,39
14/07/2014	195	13	M	254	423.41	6.70	1.58	LS	NA	NA	21.64
21/07/2014	202	13	M	228	259.41	2.35	0.91	LS	NA	NA	22.78
24/07/2014	205	13	M	235	307.24	3.30	1.07	LS	NA	NA	24
31/07/2014	212	13	M	203	177.39	1.20	0.68	LS	NA	NA	23.91
04/08/2014	216	14	M	208	200.73	3.00	1.49	LS	NA	NA	24.93
