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An overview of bottom trawl selectivity in the Mediterranean Sea

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Table S1. Length at first maturity of Mediterranean marine species.

Species: species on which the study was conducted; LFM: length at which 50% of a population become sexually mature for the first time; Gender: F (female), M (male), C (combined sex); N: number of individuals sampled in the study; GSA: GFCM Geographical Sub-Areas (GSA) where experiment was conducted.

Species	LFM	Gender	N	GSA	Reference
<i>Alloteuthis media</i>	3.3	F	1004	22	Salman (2014)
	2.8	M		22	Salman (2014)
<i>Aristaeomorpha foliacea</i>	4.06	F	2780	9	Belcari <i>et al.</i> (2003)
	4.41	F	5442	19	Carlucci <i>et al.</i> (2006)
	3.88	F	1202	20	Kapiris & Thessalou-Legaki (2009)
	3.9	F	NA	24	Deval (2019)
<i>Aristeus antennatus</i>	3.13	F	2951	19	Carlucci <i>et al.</i> (2006)
	2.95	F	1487	20	Kapiris & Thessalou-Legaki (2009)
	2.1	F	NA	5	Garcia-Rodriguez & Esteban (1999)
<i>Arnoglossus laterna</i>	11.88	F	2469	22	İlkyaz <i>et al.</i> (2017)
	11.41	M		22	İlkyaz <i>et al.</i> (2017)
<i>Arnoglossus thori</i>	8.81	F	422	22	İlkyaz <i>et al.</i> (2018)
	8.64	M		22	İlkyaz <i>et al.</i> (2018)
<i>Aspitrigla cuculus</i>	28.1	F	563	Atlantic	Marriott <i>et al.</i> (2010)
	26.3	M	192	Atlantic	Marriott <i>et al.</i> (2010)
	28.4	F	NA	Atlantic	Baron (1985)
	27	M	NA	Atlantic	Baron (1985)
	15.1	F	NA	10	Colloca <i>et al.</i> (2003)
	15.4	M	NA	10	Colloca <i>et al.</i> (2003)
	16.7	F	130	17	Vallisneri <i>et al.</i> (2010)
15	M	165	17	Vallisneri <i>et al.</i> (2010)	
<i>Atherina boyeri</i>	7.8	F	NA	17	Bartulovic <i>et al.</i> (2006)
<i>Boops boops</i>	17.1	C	110	3	Zoubi (2001)
	14.5	F	335	17	Alegria-Hernandez (1990)
	13.2	M	440	17	Alegria-Hernandez (1990)
	14.1	F	1774	4	Bensahla Talet <i>et al.</i> (1990)
	13.5	F	NA	4	Chali-Chabane (1988)
	13.8	F	778	23	Kallianiotis (1992)
	13.3	M	597	23	Kallianiotis (1992)
	12	F	695	23	Kallianiotis (1992)
	11.9	M	456	23	Kallianiotis (1992)
<i>Buglossidium luteum</i>	8.12	F	563	22	İlkyaz <i>et al.</i> (2010b)
	7.89	M	395	22	İlkyaz <i>et al.</i> (2010b)
<i>Chelidonichthys lastoviza</i>	15.3	F	104	26	Abdallah & Faltas (1998)
	14.5	M	103	26	Abdallah & Faltas (1998)
	18.7	C	870	14	Boudaya <i>et al.</i> (2004)
	15.7	F	478	12	Ben Jrad <i>et al.</i> (2010)
	16.4	M	210	12	Ben Jrad <i>et al.</i> (2010)

Continued

Table S1 continued

Species	LFM	Gender	N	GSA	Reference
<i>Chlorophthalmus agassizii</i>	11.5	F	NA	19	D'Onghia <i>et al.</i> (2006)
	12	F	1413	11	Cabiddu <i>et al.</i> (2010)
	9	M		11	Cabiddu <i>et al.</i> (2010)
<i>Citharus linguatula</i>	11.98	F	2345	22	Ilkyaz <i>et al.</i> (2018)
	12.89	M		22	Ilkyaz <i>et al.</i> (2018)
<i>Coelorinchus caelorhincus</i>	16.2	F	521	19	D'Onghia <i>et al.</i> (1996)
<i>Dentex dentex</i>	34.5	F	523	17	Cetinic <i>et al.</i> (2002)
	33.3	M	NA	17	Cetinic <i>et al.</i> (2002)
	34.6	F	210	5	Morales-Nin & Moranta (1997)
	52	M		5	Morales-Nin & Moranta (1997)
<i>Dentex gibbosus</i>	41.5	F	443	17	Grubisic <i>et al.</i> (2007)
	41.5	M	366	17	Grubisic <i>et al.</i> (2007)
<i>Dentex macrophthalmus</i>	10.83	F	716	22	Soykan <i>et al.</i> (2015b)
	11.77	M		22	Soykan <i>et al.</i> (2015b)
<i>Dentex maroccanus</i>	14.4	F	858	4	Mohdeb & Hicem Kara (2014)
	15.1	M	802	4	Mohdeb & Hicem Kara (2014)
<i>Diplodus annularis</i>	10.02	F	2393	22	Ilkyaz <i>et al.</i> (2018)
	10.53	M		22	Ilkyaz <i>et al.</i> (2018)
	12.6	C	719	4	Nouacer & Kara (2001)
	10	F	2615	12	Saied & Kartas (1988)
	9.5	M	1986	12	Saied & Kartas (1988)
	10.4	F	167	22	Metin & Akyol (2003)
	12.2	F	322	22	Koc <i>et al.</i> (2002)
	12.1	M	330	22	Koc <i>et al.</i> (2002)
	10	F	780	17	Matic-Skoko <i>et al.</i> (2007)
	9	M	745	17	Matic-Skoko <i>et al.</i> (2007)
	9.7	F	276	12	Mouine <i>et al.</i> (2012)
	10.2	M	123	12	Mouine <i>et al.</i> (2012)
<i>Diplodus cervinus</i>	25	C	230	4	Derbal & Kara (2010)
<i>Diplodus puntazzo</i>	22.6	F	1003	17	Cetinic <i>et al.</i> (2002)
	21.8	M		17	Cetinic <i>et al.</i> (2002)
	21.5	F	56	12	Mouine <i>et al.</i> (2012)
	21.5	M	136	12	Mouine <i>et al.</i> (2012)
<i>Diplodus sargus</i>	23.5	F	318	17	Cetinic <i>et al.</i> (2002)
	22.6	M	14.2	17	Cetinic <i>et al.</i> (2002)
	18	F	30	26	Zaki <i>et al.</i> (2001)
	20.5	F	108	12	Mouine <i>et al.</i> (2007)
	20.5	M	37	12	Mouine <i>et al.</i> (2007)
	20	F	98	4	Benchalel & Kara (2010)
	20.2	M	143	4	Benchalel & Kara (2010)
	21.2	F	166	12	Mouine <i>et al.</i> (2012)
	20.4	M	74	12	Mouine <i>et al.</i> (2012)
	19.5	F	2809	17	Cetinic <i>et al.</i> (2002)
	18.7	M		17	Cetinic <i>et al.</i> (2002)
	16.5	F	235	16	Beltrano <i>et al.</i> (2003)
	16.4	M	209	16	Beltrano <i>et al.</i> (2003)
	16	F	NA	26	Zaki <i>et al.</i> (2004)
	15.5	M	NA	26	Zaki <i>et al.</i> (2004)
	18	F	435	27	Hammoud & Saad (2007)
	18.5	M		27	Hammoud & Saad (2007)
17.1	F	297	12	Mouine <i>et al.</i> (2012)	

Continued

Table S1 continued

Species	LFM	Gender	N	GSA	Reference
	17.6	M	108	12	Mouine <i>et al.</i> (2012)
<i>Diplodus vulgaris</i>	12.87	F	709	22	Soykan <i>et al.</i> (2015b)
	13.37	M		22	Soykan <i>et al.</i> (2015b)
<i>Eledone cirrhosa</i>	9.1	F	473	10	Donnaloia <i>et al.</i> (2010)
	8.8	M	497	10	Donnaloia <i>et al.</i> (2010)
	9.7	F	1845	18	Donnaloia <i>et al.</i> (2010)
	7.8	M	1453	18	Donnaloia <i>et al.</i> (2010)
<i>Engraulis encrasicolus</i>	9.28	F	750	18	Mandic <i>et al.</i> (2015)
	9.02	M		18	Mandic <i>et al.</i> (2015)
	8.5	F	199	17	Sinovicic & Zorica (2006)
	7.9	M	255	17	Sinovicic & Zorica (2006)
<i>Eutriglia gurnardus</i>	24	F	NA	Atlantic	Muus & Nielsen (1999)
	18	M	NA	Atlantic	Muus & Nielsen (1999)
	15	F	195	17	Vallisneri <i>et al.</i> (2010)
	12.2	M	137	17	Vallisneri <i>et al.</i> (2010)
<i>Galeus melastomus</i>	44.3	M	1629	1	Rey <i>et al.</i> (2005)
	48.8	F		1	Rey <i>et al.</i> (2005)
<i>Helicolenus dactylopterus</i>	13	M	295	6	Munoz & Casadevall (2002)
	14.5	F		6	Munoz & Casadevall (2002)
<i>Illex coindetii</i>	13.7	M	527	18	Ceriola <i>et al.</i> (2006)
	14.6	F	559	18	Ceriola <i>et al.</i> (2006)
<i>Lepidotrigla cavillone</i>	10.55	F	824	22	Ilkyaz <i>et al.</i> (2010a)
	10.55	M	603	22	Ilkyaz <i>et al.</i> (2010a)
	10.1	F	1429	22	Papaconstantinou (1982)
	8.2	F	308	10	Colloca <i>et al.</i> (1997)
	9.3	F	2196	10	Colloca <i>et al.</i> (1997)
<i>Lithognathus mormyrus</i>	25.6	F	535	17	Cetinic <i>et al.</i> (2002)
	19.5	M		17	Cetinic <i>et al.</i> (2002)
	13.9	F	1612	24	Turkmen & Akyurt (2003)
	13.4	M	1626	24	Turkmen & Akyurt (2003)
	19	F	221	16	Vitale <i>et al.</i> (2003, 2011)
	18.1	M	230	16	Vitale <i>et al.</i> (2003, 2011)
	18.3	F	142	16	Vitale <i>et al.</i> (2003, 2011)
	17.1	M	188	16	Vitale <i>et al.</i> (2003, 2011)
	19	F	821	22	Kallianiotis <i>et al.</i> (2005)
	16.2	M	477	22	Kallianiotis <i>et al.</i> (2005)
	18.5	F	149	24	Emre <i>et al.</i> (2010)
17.8	M	81	24	Emre <i>et al.</i> (2010)	
<i>Loligo vulgaris</i>	16	F	666	17	Sifner & Vrgoc (2004)
	12.5	M	720	17	Sifner & Vrgoc (2004)
<i>Lophius budegassa</i>	66.2	C	8944	Entire med	Ungaro <i>et al.</i> (2002)
<i>Merlangius merlangus</i>	25	F	177	17+18	Vallisneri <i>et al.</i> (2006)
	24	M	182	17+18	Vallisneri <i>et al.</i> (2006)
<i>Merluccius merluccius</i>	33.03	F	2555	10	Carbonara <i>et al.</i> (2019)
	30.03	F	2628	11	Carbonara <i>et al.</i> (2019)
	31.95	F	8035	18	Carbonara <i>et al.</i> (2019)
	32.95	F	2586	19	Carbonara <i>et al.</i> (2019)
	30.81	F	976	17	Candelma <i>et al.</i> (2021)
	33.73	F	976	17	Candelma <i>et al.</i> (2021)
	33.6	C	423	3	Zoubi (2001)
	30.5	F	73	4	Bouaziz <i>et al.</i> (2001)

Continued

Table S1 continued

Species	LFM	Gender	N	GSA	Reference
	31	F	955	1+6	Garcia-Rodriguez & Esteban (1995)
	25	M	502	1+6	Garcia-Rodriguez & Esteban (1995)
	36	F	1382	5	Renones <i>et al.</i> (1995a)
	27	M	1210	5	Renones <i>et al.</i> (1995a)
	42.5	F	584	9+10	Biagi <i>et al.</i> (1995)
	35.8	F	635	6	Recasens <i>et al.</i> (2008)
	35.1	F	2729	9+10	Recasens <i>et al.</i> (2008)
	27	M	1062	9+10	Biagi <i>et al.</i> (1995)
	38	F	308	7	Recasens <i>et al.</i> (1998)
	28.8	M	619	7	Recasens <i>et al.</i> (1998)
	29.5	M	NA	17+18	Jukic & Piccinetti (1981)
	26.5	F	81	21	Mugahid & Hashem (1982)
	29	M	198	21	Mugahid & Hashem (1982)
	29.5	M	NA	17+18	Jukic & Piccinetti (1981)
	31	F	955	5	Garcia-Rodriguez & Esteban (1995)
	25	M	502	5	Garcia-Rodriguez & Esteban (1995)
	32.5	C	320	26	Al-Absawy (2010)
	30.6	F	NA	4	Bouaziz <i>et al.</i> (1998)
	21.49	F	792	22	Soykan <i>et al.</i> (2015a)
	25.65	M	707	22	Soykan <i>et al.</i> (2015a)
	21.5	M	NA	4	Bouaziz <i>et al.</i> (1998)
<i>Micromesistius poutassou</i>	17.7	F	532	6	Mir-Arguimbau <i>et al.</i> (2020)
	18.3	M	424	6	Mir-Arguimbau <i>et al.</i> (2020)
	21	C	182	17+18	Froggia & Gramitto (1981)
<i>Mullus barbatus</i>	14.5	M	500	21	Ramadan <i>et al.</i> (2017)
	15.5	F		21	Ramadan <i>et al.</i> (2017)
	11.8	F	1633	22	Vassilopoulou & Papaconstantinou (1991)
	10.6	M	1682	22	Vassilopoulou & Papaconstantinou (1991)
	14.3	C	104	3	Zoubi (2001)
	14	F	431	20	Vassilopoulou (1987)
	15.5	M	451	20	Vassilopoulou (1987)
	12.9	F	372	20	Vassilopoulou (1987)
	15.2	M	405	20	Vassilopoulou (1987)
	12.2	F	791	20	Vassilopoulou (1987)
	14.9	M	504	20	Vassilopoulou (1987)
	10.5	M	NA	17+18	Jukic & Piccinetti (1981)
	10.5	F	NA	17+18	Jukic & Piccinetti (1981)
	12.2	F	1083	1	Del Arbol <i>et al.</i> (2004)
	11.7	M	1083	1	Del Arbol <i>et al.</i> (2004)
	13.9	F	773	14	Cherif <i>et al.</i> (2007)
	13.9	M	263	14	Cherif <i>et al.</i> (2007)
	12.33	F	2691	22	Ilkyaz <i>et al.</i> (2018)
	11.56	M		22	Ilkyaz <i>et al.</i> (2018)
	11.8	F	1633	22	Wassef & El Emary (1989)
<i>Mullus surmuletus</i>	13.9	M	279	22	Kousteni <i>et al.</i> (2019)
	15.3	F	593	22	Kousteni <i>et al.</i> (2019)
	17.8	F	179	3	Lamrini (2010)
	16.7	M	113	3	Lamrini (2010)
	15.1	C	1385	26	Mehanna (2009)
	15.5	F	157	22	Vassilopoulou & Papaconstantinou (1995)
	11.9	M	245	22	Vassilopoulou & Papaconstantinou (1995)

Continued

Table S1 continued

Species	LFM	Gender	N	GSA	Reference
	16.8	F	NA	5	Renones <i>et al.</i> (1995b)
	15	M	NA	5	Renones <i>et al.</i> , (1995b)
<i>Nemipterus randalli</i>	11.02	C	587	24	Demirci & Simsek (2018)
<i>Nephrops norvegicus</i>	4.2	M	780	17	Angelini <i>et al.</i> (2020)
	2.5	M	662	17	Angelini <i>et al.</i> (2020)
	3.08	F	1447	17	Angelini <i>et al.</i> (2020)
	2.11	F	2300	17	Angelini <i>et al.</i> , (2020)
	3.27	F	4362	22	Lolas & Vafidis (2021)
	2.5	F?	NA	17	Marano <i>et al.</i> (1998a)
	3	F?	NA	17	Orsi Relini <i>et al.</i> (1998)
	2.75	F?	NA	17	Ungaro <i>et al.</i> (1999)
	2.81	F	NA	22	Mente <i>et al.</i> (2009)
<i>Octopus vulgaris</i>	12	F	302	11	Cuccu <i>et al.</i> (2013)
	7	M	361	11	Cuccu <i>et al.</i> (2013)
<i>Pagellus acarne</i>	16.95	M	795	4	Bentata-Keddar <i>et al.</i> (2020)
	18.63	F		4	Bentata-Keddar <i>et al.</i> (2020)
	14.45	F	842	22	Soykan <i>et al.</i> (2015b)
	13.91	M		22	Soykan <i>et al.</i> (2015b)
	16.4	C	101	3	Zoubi (2001)
	21.7	F	84	1	Velasco <i>et al.</i> (2011)
	18	M	187	1	Velasco <i>et al.</i> (2011)
<i>Pagellus erythrinus</i>	12.5	F	202	4	Mahdi <i>et al.</i> (2018)
	16.38	C	2152	27	Lteif <i>et al.</i> (2020)
	11.45	F	1428	22	Metin <i>et al.</i> (2011b)
	16.49	M		22	Metin <i>et al.</i> (2011b)
	13.4	F	1190	22	Somarakis & Machias (2002)
	14.2	M		22	Somarakis & Machias (2002)
	25.2	M	216	22	Vassilopoulou & Papaconstantinou 1990
	18.3	F	526	22	Mytilineou (1987)
	23	M	83	22	Mytilineou (1987)
	20.3	F	291	22	Mytilineou (1987)
	26.6	M	28	22	Mytilineou (1987)
	16.5	F	1099	22	Mytilineou (1987)
	21.8	M	146	22	Mytilineou (1987)
	13.6	F	NA	17+18	Jukic & Piccinetti (1981)
	12.8	F	226	12	Ghorbel & Ktari (1982)
	13.3	M	139	12	Ghorbel & Ktari (1982)
	16.4	F	NA	4	Cherabi (1987)
	13	F	420	22	Hossucu & Turker (2003)
	11.3	F	1717	22	Metin <i>et al.</i> (2011b)
	15.1	M	136	22	Metin <i>et al.</i> (2011b)
<i>Pagrus pagrus</i>	31.3	F	151	22	Vassilopoulou & Papaconstantinou (1992)
<i>Parapenaeus longirostris</i>	1.63	M	20384	28	İhsanoglu & İşmen (2020)
	1.81	F	15904	28	İhsanoglu & İşmen (2020)
	1.82	F	NA	24	Manaşirli & Avşar (2008)
<i>Phycis blennoides</i>	24.7	F	225	4	Benghali <i>et al.</i> (2014)
<i>Plesionika martia</i>	1.55	F	NA	19	Maiorano <i>et al.</i> (2002)
<i>Pomatomus saltatrix</i>	17.1	F	288	14	Dhieb <i>et al.</i> (2006)
	18.1	M	NA	14	Dhieb <i>et al.</i> (2006)
<i>Sardina pilchardus</i>	11.6	F	7221	16	Basilone <i>et al.</i> (2021)
	11.2	M	7195	16	Basilone <i>et al.</i> (2021)

Continued

Table S1 continued

Species	LFM	Gender	N	GSA	Reference
<i>Saurida undosquamis</i>	16.5	F	602	24	Ismen (2003)
	16	M		24	Ismen (2003)
<i>Sciaena umbra</i>	29.9	F	55	5	Grau <i>et al.</i> (2009)
	25.4	M	64	5	Grau <i>et al.</i> (2009)
	22	F	NA	29	Engin & Seyhan (2009)
	19.5	M	9	29	Engin & Seyhan (2009)
	26.5	F	79	4	Derbal & Kara (2007)
	26.5	M	82	4	Derbal & Kara (2007)
	30.2	F	127	12	Chakroun-Marzouk & Ktari (2003)
	28.8	M	110	12	Chakroun-Marzouk & Ktari (2003)
	25.1	F	339	12	Chakroun-Marzouk & Ktari (2003)
	23.9	M	238	12	Chakroun-Marzouk & Ktari (1998)
<i>Scomber scombrus</i>	22.8	F	1611	17	Cikes Kec & Zorica (2012)
	18.8	M	1085	17	Cikes Kec & Zorica (2012)
<i>Scorpaena notata</i>	8.8	F	471	5	Ordines <i>et al.</i> (2006)
	9.2	M	476	5	Ordines <i>et al.</i> (2006)
<i>Scorpaena scrofa</i>	19	F	11	7	Kaim-Malka & Jacob (1985)
	21	M	8	7	Kaim-Malka & Jacob (1985)
<i>Scyliorhinus canicula</i>	39.9	F	165	22	Kousteni <i>et al.</i> (2010)
	39.6	M	160	22	Kousteni <i>et al.</i> (2010)
<i>Sepia elegans</i>	4.1	F	492	22	Salman (2015)
	4.2	M	432	22	Salman (2015)
<i>Sepia officinalis</i>	8	F	NA	17	Santojanni <i>et al.</i> (2012)
	8	F	374	17	Bettoso <i>et al.</i> (2006)
	7	M	319	17	Bettoso <i>et al.</i> (2006)
	12	F	992	24	Duisak <i>et al.</i> (2012)
	10.3	M	1014	24	Duisak <i>et al.</i> (2012)
	8	F	81	22	Akyol <i>et al.</i> (2011)
	9	M	248	22	Akyol <i>et al.</i> (2011)
	12	F	NA	Entire med	Roper <i>et al.</i> (1984)
	10	M	NA	Entire med	Roper <i>et al.</i> (1984)
	13	F	152	22	Onsoy & Salman <i>et al.</i> (2005)
9	M	NA	22	Onsoy & Salman <i>et al.</i> (2005)	
<i>Sepia orbignyana</i>	6.6	F	106	17	Krstulović Šifner <i>et al.</i> (2018)
	5.8	M	135	17	Krstulović Šifner <i>et al.</i> (2018)
<i>Serranus cabrilla</i>	11.7	C	476	12	Bouain (1981)
<i>Serranus hepatus</i>	8.5	C	1290	22	Wague (1997)
<i>Spicara flexuosa</i>	9.5	F	1870	20	Mytilineou (1988)
	10.7	M	885	20	Mytilineou (1988)
<i>Spicara maena</i>	11.51	F	1766	22	Soykan <i>et al.</i> (2010)
	13.12	M	298	22	Soykan <i>et al.</i> (2010)
	10.5	F	373	12	Sellami & Brusle (1979)
<i>Squilla mantis</i>	1.96	F	NA	10	Carbonara <i>et al.</i> (2013)
	2.11	F	NA	18	Carbonara <i>et al.</i> (2013)
	2.03	F	NA	19	Carbonara <i>et al.</i> (2013)
<i>Trachinus draco</i>	12.01	F	306	29	Ak & Genc (2013)
<i>Trachurus</i> spp	19.1	F	369	22	Karlou-Riga (1995)
	22	F	595	22	Karlou-Riga (1995)
	20.2	F	154	17+18	Alegria (1990)
	20.8	M	150	17+18	Alegria (1990)
	21.6	F	134	17+18	Alegria (1990)

Continued

Table S1 continued

Species	LFM	Gender	N	GSA	Reference
	21.7	M	155	17+18	Alegria (1990)
	22.4	F	201	17+18	Alegria (1990)
	23.2	M	180	17+18	Alegria (1990)
	14.2	F	NA	NA	Korichi (1988)
	13.5	M	NA	NA	Korichi (1988)
	15.5	F	33	5	Abaunza <i>et al.</i> (2003)
	17.3	M	67	5	Abaunza <i>et al.</i> (2003)
	19	F	43	20	Abaunza <i>et al.</i> (2003)
	19	M	41	20	Abaunza <i>et al.</i> (2003)
	17	F	85	22	Abaunza <i>et al.</i> (2003)
	17	M	67	22	Abaunza <i>et al.</i> (2003)
	17.5	F	29	1	Abaunza <i>et al.</i> (2003)
	17.5	M	60	1	Abaunza <i>et al.</i> (2003)
<i>Trisopterus minutus</i>	13.28	F	1480	22	Ilkyaz <i>et al.</i> (2018)
	12.6	M		22	Ilkyaz <i>et al.</i> (2018)
	11.5	F	1502	22	Politou & Papaconstantinou (1991)
	10.5	M	1011	22	Politou & Papaconstantinou (1991)
	13	C	887	17+18	Froggia (1981)
	14.5	F	11827	17+18	Vallisneri <i>et al.</i> (2003)
	13.3	F	626	22	Metin <i>et al.</i> (2008)
	12.5	M	809	22	Metin <i>et al.</i> (2008)

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Table S2. Bottom trawl selectivity review. Selectivity parameters obtained from literature for diamond, T90 and square mesh codends. Year: time when the experiment was conducted; Area: geographical area where the experiment was conducted; GSA: GFCM Geographical Sub-Areas (GSA) where experiment was conducted; Species: Species on which the selectivity experiment was conducted; FAO code: species code as reported by FAO; MC: mesh configuration (DM, diamond; SM, square-mesh; HEX: hexagonal-mesh; T90: mesh turned 90 degree); NMS: nominal mesh size in the codend; MMS: measured mesh size in the codend; L50: length of fish that has a 50% probability of being retained or escaping after entering the codend; SR: difference in length between the fish that has a 75% probability of retention and that with a 25% probability of retention. SF: selection factor; MS-calc: mesh size used for calculation.

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Alloteuthis media</i>	OUM	DM	40	NA	4.52	1.74	1.13	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Alloteuthis media</i>	OUM	DM	40	NA	4.39	1.28	1.1	40
Sala & Luchetti 2011	2005	Central Adriatic Sea	17	<i>Alloteuthis media</i>	OUM	DM	48	46.5	4.47	1.18	0.96	46.5
Sala & Luchetti 2011	2005	Central Adriatic Sea	17	<i>Alloteuthis media</i>	OUM	DM	48	46.5	3.68	1.37	0.79	46.5
Sala & Luchetti 2011	2005	Central Adriatic Sea	17	<i>Alloteuthis media</i>	OUM	DM	56	56.75	5.17	2.49	0.91	56.75
Sala & Luchetti 2011	2005	Central Adriatic Sea	17	<i>Alloteuthis media</i>	OUM	DM	56	56.1	4.5	1.84	0.8	56.1
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Argentina sphyraena</i>	ARY	DM	40	NA	11.3	4.23	2.83	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Argentina sphyraena</i>	ARY	DM	60	NA	23.12	9.95	3.85	60
Petrakis <i>et al.</i> , 2004	2004	North Tyrrhenian Sea	9	<i>Argentina sphyraena</i>	ARY	DM	40	NA	11.95	2.12	2.99	40
Carlucci <i>et al.</i> , 2006	2002	Aegean Sea	22	<i>Aristaeomorpha foliacea</i>	ARS	DM	50	NA	1.62	0.63	0.32	50
Carlucci <i>et al.</i> , 2006	2002	Ionian Sea	19	<i>Aristaeomorpha foliacea</i>	ARS	DM	60	NA	2.12	1.07	0.35	60
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Aristaeomorpha foliacea</i>	ARS	DM	44	43.46	1.85	0.58	0.43	43.46
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Aristaeomorpha foliacea</i>	ARS	SM	40	37.55	1.86	0.4	0.5	37.55
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Aristaeomorpha foliacea</i>	ARS	DM	50	NA	2.17	0.71	0.43	50
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Aristaeomorpha foliacea</i>	ARS	T90	50	NA	2.33	0.84	0.47	50
D'Onghia <i>et al.</i> , 1998	1996	Ionian Sea	19	<i>Aristaeomorpha foliacea</i>	ARS	DM	60	NA	1.95	1.12	0.33	60
Ragonese <i>et al.</i> , 1994	1994	NA	NA	<i>Aristaeomorpha foliacea</i>	ARS	DM	40	NA	1.77		0.44	40
Ragonese <i>et al.</i> , 1994	1994	NA	NA	<i>Aristaeomorpha foliacea</i>	ARS	DM	48	NA	2.01	0.42	0.42	48
Ragonese <i>et al.</i> , 1994	1994	NA	NA	<i>Aristaeomorpha foliacea</i>	ARS	DM	56	NA	2.28	0.41	0.41	56
Ragonese <i>et al.</i> , 2002	1993	Strait of Sicily	16	<i>Aristaeomorpha foliacea</i>	ARS	DM	20	NA	1.82	0.56	0.46	40
Ragonese <i>et al.</i> , 2002	1993	Strait of Sicily	16	<i>Aristaeomorpha foliacea</i>	ARS	DM	24	NA	2.07	0.58	0.43	48
Ragonese <i>et al.</i> , 2002	1993	Strait of Sicily	16	<i>Aristaeomorpha foliacea</i>	ARS	DM	28	NA	2.33	1.29	0.42	56
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Aristaeomorpha foliacea</i>	ARS	DM	44	45.15	2	1.41	0.44	45.15
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Aristaeomorpha foliacea</i>	ARS	SM	44	45.95	2.07	0.26	0.45	45.95
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Aristaeomorpha foliacea</i>	ARS	DM	54	54.7	2.15	0.87	0.39	54.7

Continued

Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Aristaeomorpha foliacea</i>	ARS	SM	54	56.9	2.75	0.56	0.48	56.9
Carlucci <i>et al.</i> , 2006	2002	Ionian Sea	19	<i>Aristeus antennatus</i>	ARA	DM	50	NA	1.94	0.36	0.39	50
Carlucci <i>et al.</i> , 2006	2002	Ionian Sea	19	<i>Aristeus antennatus</i>	ARA	DM	60	NA	2.36	0.97	0.39	60
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Aristeus antennatus</i>	ARA	DM	44	43.46	1.7	0.72	0.39	43.46
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Aristeus antennatus</i>	ARA	SM	40	37.55	1.98	0.48	0.53	37.55
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Aristeus antennatus</i>	ARA	DM	50	NA	2.08	0.9	0.42	50
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Aristeus antennatus</i>	ARA	T90	50	NA	2.33	0.97	0.47	50
D'Ongghia <i>et al.</i> , 1998	1996	Ionian Sea	19	<i>Aristeus antennatus</i>	ARA	DM	60	NA	2.37	1.3	0.4	60
D'Ongghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Aristeus antennatus</i>	ARA	DM	50	NA	1.9	0.62	0.38	50
D'Ongghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Aristeus antennatus</i>	ARA	DM	60	NA	2.54	1.11	0.42	60
Gorelli <i>et al.</i> , 2014	2013	West Mediterranean	6	<i>Aristeus antennatus</i>	ARA	DM	50	NA	2.06	0.93	0.41	50
Gorelli <i>et al.</i> , 2014	2013	West Mediterranean	6	<i>Aristeus antennatus</i>	ARA	SM	40	NA	2.16	0.68	0.54	40
Gorelli <i>et al.</i> , 2017	2017	West Mediterranean	6	<i>Aristeus antennatus</i>	ARA	DM	50	NA	2.26	0.77	0.45	50
Gorelli <i>et al.</i> , 2017	2017	West Mediterranean	6	<i>Aristeus antennatus</i>	ARA	SM	40	NA	2.11	0.57	0.53	40
Gorelli <i>et al.</i> , 2017	2017	West Mediterranean	6	<i>Aristeus antennatus</i>	ARA	SM	50	NA	2.62	0.72	0.52	50
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Aristeus antennatus</i>	ARA	SM	40	NA	2.21	0.4	0.55	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Aristeus antennatus</i>	ARA	DM	40	NA	1.72	0.22	0.43	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Aristeus antennatus</i>	ARA	SM	40	NA	2.21	0.26	0.55	40
Ragonese <i>et al.</i> , 1994	1994	NA	NA	<i>Aristeus antennatus</i>	ARA	DM	48	NA	1.99	NA	0.41	48
Ragonese <i>et al.</i> , 1994	1994	NA	NA	<i>Aristeus antennatus</i>	ARA	DM	56	NA	2.5	NA	0.45	56
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Arnoglossus laterna</i>	MSF	DM	40	NA	12.63	4.21	3.16	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Arnoglossus laterna</i>	MSF	DM	60	NA	10.58	2.49	1.76	60
Ferretti & Frogliola, 1975	1971	Adriatic Sea	17	<i>Arnoglossus laterna</i>	MSF	DM	NA	33.7	6.9	2.8	2.05	33.7
Ferretti & Frogliola, 1975	1971	Adriatic Sea	17	<i>Arnoglossus laterna</i>	MSF	DM	NA	34	8.2	3.3	2.41	34
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Arnoglossus laterna</i>	MSF	DM	40	38.7	8.3	1.18	2.14	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Arnoglossus laterna</i>	MSF	SM	40	38.65	7.61	0.77	1.97	38.65
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Arnoglossus laterna</i>	MSF	SM	41	41.05	8.34	1.67	2.03	41.05
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Arnoglossus laterna</i>	MSF	SM	41	41.05	8.29	1.74	2.02	41.05

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Arnoglossus laterna</i>	MSF	SM	41	41.5	8.37	1.5	2.02	41.5
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Aspitrigla cuculus</i>	GUR	SM	40	NA	12.1	2	3.03	40
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Boops boops</i>	BOG	DM	44	43.46	14.2	3	3.27	43.46
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Boops boops</i>	BOG	SM	40	37.55	17.5	2.1	4.66	37.55
Ikyaz <i>et al.</i> , 2017	2017	Eastern Mediterranean	22	<i>Boops boops</i>	BOG	DM	44	45.4	13.2	3	2.91	45.4
M'Rabet, 1994	1994	Tunisia	12	<i>Boops boops</i>	BOG	DM	40	33.5	12.31		3.67	33.5
M'Rabet, 1994	1994	Tunisia	12	<i>Boops boops</i>	BOG	DM	40	34.9	12.11		3.47	34.9
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Boops boops</i>	BOG	DM	40	NA	14.79	1.55	3.7	40
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Buglossidium luteum</i>	GSM	SM	41	41.05	10.54	1.07	2.57	41.05
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Buglossidium luteum</i>	GSM	SM	41	41.05	10.68	1.1	2.6	41.05
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Buglossidium luteum</i>	GSM	SM	41	41.5	10.69	0.94	2.58	41.5
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Chelidonichthys lastoviza</i>	CTZ	DM	40	NA	4.7	3.6	1.18	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Chelidonichthys lastoviza</i>	CTZ	SM	40	NA	7.3	3.6	1.83	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Chlorophthalmus agassizi</i>	CASG	DM	40	NA	12.24	2.1	3.06	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Chlorophthalmus agassizi</i>	CASG	DM	40	NA	10.81	2.1	2.7	40
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Citharus linguatula</i>	CIL	SM	40	NA	14.06	3.53	3.52	40
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Citharus linguatula</i>	CIL	DM	44	NA	13.19	2.51	3	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Citharus linguatula</i>	CIL	DM	50	NA	16.57	6.97	3.31	50
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Citharus linguatula</i>	CIL	SM	40	NA	11.5	1.5	2.88	40
Sarda <i>et al.</i> , 2006	2003	NW Mediterranean	6	<i>Citharus linguatula</i>	CIL	SM	36	NA	9.27	3.08	2.58	36
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Coelorinchus caelorhincus</i>	CQL	DM	40	NA	2.49	0.5	0.62	40
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Coelorinchus caelorhincus</i>	CQL	DM	50	NA	3.39	0.57	0.68	50
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Coelorinchus caelorhincus</i>	CQL	DM	60	NA	4.74	1.57	0.79	60
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Dentex macrophthalmus</i>	DEL	DM	44	43.46	9.6	2.4	2.21	43.46
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Dentex macrophthalmus</i>	DEL	DM	40	NA	10.78	0.66	2.7	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Dentex macrophthalmus</i>	DEL	DM	40	NA	9.09	2.03	2.27	40
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Dentex maroccanus</i>	DXM	DM	44	44.27	10	2.3	2.26	44.27
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Dentex maroccanus</i>	DXM	DM	50	50.82	10.7	2.2	2.11	50.82

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Dentex maroccanus</i>	DXM	SM	40	41.18	10.3	1.8	2.5	41.18
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Dentex maroccanus</i>	DXM	T90	40	42.42	8.4	3.2	1.98	42.42
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	SM	40	40.8	9.5	0.8	2.33	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	SM	40	40.8	9.4	0.8	2.3	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	50	50.1	11.2	1.5	2.24	50.1
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	50	50.1	11.2	1.5	2.24	50.1
Lök <i>et al.</i> , 1997	1997	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	DM	44	NA	9.88	1.04	2.25	44
Lök <i>et al.</i> , 1997	1997	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	DM	44	NA	9.84	1.53	2.24	44
Lök <i>et al.</i> , 1997	1997	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	DM	44	NA	10.07	1.79	2.29	44
Ozbilgin <i>et al.</i> , 2005	2003	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	42.4	8.7	1.1	2.05	42.4
Ozbilgin <i>et al.</i> , 2005	2003	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	42.4	9.3	0.9	2.19	42.4
Ozbilgin <i>et al.</i> , 2005	2003	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	42.4	9.2	0.9	2.17	42.4
Ozbilgin <i>et al.</i> , 2005	2003	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	42.4	8.9	1.1	2.1	42.4
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	36	NA	7.61	1.35	2.11	36
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	NA	8.58	1.22	2.15	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	44	NA	9.87	1.13	2.24	44
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	48	NA	12.68	1.26	2.64	48
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	SM	36	NA	7.47	2.06	2.08	36
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	SM	40	NA	8.79	1.51	2.2	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	SM	44	NA	8.82	1.1	2	44
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	SM	48	NA	12.03	2.22	2.51	48
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	36	37	8.5	0.9	2.3	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	36	37	8.4	0.9	2.27	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	41.9	8.8	0.9	2.1	41.9
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	41.9	8.8	0.9	2.1	41.9
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	44	44.7	10.3	1.3	2.3	44.7
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	44	44.7	10.3	1.2	2.3	44.7
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	DM	40	40.44	8.77	0.6	2.17	40.44

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	DM	44	44.33	9.92	0.96	2.24	44.33
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	DM	50	51.34	11.98	1.62	2.33	51.34
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	T90	40	40.44	8.77	0.6	2.17	40.44
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Diplodus annularis</i>	ANN	T90	44	44.33	9.92	0.96	2.24	44.33
Tosunoglu <i>et al.</i> , 2003b	2002	Eastern Aegean	22	<i>Diplodus annularis</i>	ANN	DM	40	41.9	9.4	0.79	2.24	41.9
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Eledone cirrosa</i>	EOI	DM	40	NA	2.69	2.16	0.67	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Eledone cirrosa</i>	EOI	DM	40	NA	4.6	3.62	1.15	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Eledone cirrosa</i>	EOI	DM	60	NA	5.45	3.01	0.91	60
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Eledone cirrosa</i>	EOI	DM	40	NA	1.6	3.9	0.4	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Eledone cirrosa</i>	EOI	SM	40	NA	6	2.9	1.5	40
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Engraulis encrasicolus</i>	ANE	DM	32	NA	13.4	3.2	4.19	32
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Engraulis encrasicolus</i>	ANE	DM	40	NA	14.1	2.6	3.53	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Galeus melastomus</i>	SHO	DM	40	NA	13.2	7.2	3.3	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Galeus melastomus</i>	SHO	SM	40	NA	22.4	5.5	5.6	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Galeus melastomus</i>	SHO	DM	40	NA	11.5	8.8	2.88	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Galeus melastomus</i>	SHO	SM	40	NA	22.2	6.7	5.55	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Geryon longipes</i>	GRQ	SM	40	NA	2.51	0.21	0.63	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Helicolenus dactylopterus</i>	BRF	DM	40	NA	6.73	1.96	1.68	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Helicolenus dactylopterus</i>	BRF	DM	60	NA	10.31	3.17	1.72	60
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Helicolenus dactylopterus</i>	BRF	DM	40	NA	5.52	1.1	1.38	40
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Helicolenus dactylopterus</i>	BRF	DM	50	NA	7.46	1.37	1.49	50
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Helicolenus dactylopterus</i>	BRF	DM	60	NA	11.85	4.01	1.98	60
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Helicolenus dactylopterus</i>	BRF	DM	40	NA	8.9	1.4	2.23	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Helicolenus dactylopterus</i>	BRF	SM	40	NA	10.9	1.9	2.73	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Helicolenus dactylopterus</i>	BRF	DM	40	NA	8.7	1.1	2.18	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Helicolenus dactylopterus</i>	BRF	SM	40	NA	11.1	3.6	2.78	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Helicolenus dactylopterus</i>	BRF	SM	40	NA	10.9	1.6	2.73	40
Tokaç <i>et al.</i> , 2010	2004	Eastern Aegean	22	<i>Helicolenus dactylopterus</i>	BRF	DM	40	42.42	7.7	1.43	1.82	42.42

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Illex coindetii</i>	SQM	DM	40	NA	4.1	2	1.03	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Illex coindetii</i>	SQM	DM	60	NA	7.92	3.93	1.32	60
Brcic <i>et al.</i> , 2018b	2018	Central Tyrrhenian Sea	9	<i>Illex coindetii</i>	SQM	DM	50	51.9	6.29	2.52	1.21	51.9
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Illex coindetii</i>	SQM	DM	40	NA	7.43	1.56	1.86	40
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Illex coindetii</i>	SQM	DM	40	38.7	4.9	0.97	1.27	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Illex coindetii</i>	SQM	SM	40	38.65	8.38	1.9	2.17	38.65
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Illex coindetii</i>	SQM	DM	44	44.7	4.2	2.6	0.94	44.7
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Illex coindetii</i>	SQM	HEX	40	42.6	5.2	2.9	1.22	42.6
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Illex coindetii</i>	SQM	HEX	40	42.6	5.2	2.8	1.22	42.6
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Illex coindetii</i>	SQM	SM	40	42.4	7.7	3	1.82	42.4
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Illex coindetii</i>	SQM	SM	40	42.4	7.8	3.2	1.84	42.4
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Lepidorhombus boscii</i>	LDB	DM	40	NA	9.9	2.4	2.48	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Lepidorhombus boscii</i>	LDB	SM	40	NA	10.2	1.5	2.55	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Lepidorhombus boscii</i>	LDB	DM	40	NA	9.8	2	2.45	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Lepidorhombus boscii</i>	LDB	SM	40	NA	9.5	0.7	2.38	40
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Lepidorhombus boscii</i>	LDB	DM	40	NA	10.32	3.25	2.58	40
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Lepidorhombus boscii</i>	LDB	SM	40	NA	8.5	3.49	2.13	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Lepidotrigla cavillone</i>	LDV	DM	40	NA	7	1.3	1.75	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Lepidotrigla cavillone</i>	LDV	SM	40	NA	9.6	1.5	2.4	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Lepidotrigla cavillone</i>	LDV	DM	40	NA	7.65	1.57	1.91	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Lepidotrigla cavillone</i>	LDV	DM	40	NA	7.65	0.83	1.91	40
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Loligo vulgaris</i>	SQR	DM	40	NA	4.5	1.08	1.13	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Loligo vulgaris</i>	SQR	DM	40	NA	3.4	2	0.85	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Loligo vulgaris</i>	SQR	SM	40	NA	5.8	2.1	1.45	40
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Loligo vulgaris</i>	SQR	DM	54	55.2	7.88	5.67	1.43	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Loligo vulgaris</i>	SQR	T90	54	55.3	12.06	4.94	2.18	55.3
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Loligo vulgaris</i>	SQR	DM	40	NA	5	2.19	1.25	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Loligo vulgaris</i>	SQR	DM	40	NA	5	0.9	1.25	40

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Loligo vulgaris</i>	SQR	DM	44	44.7	4.6	1	1.03	44.7
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Loligo vulgaris</i>	SQR	HEX	40	42.6	4.2	1.8	0.99	42.6
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Loligo vulgaris</i>	SQR	SM	40	42.4	6	1.5	1.42	42.4
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Lophius budegassa</i>	ANK	DM	40	43.2	4.71	3.53	1.09	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Lophius budegassa</i>	ANK	SM	40	43.2	4.43	5.88	1.03	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Lophius budegassa</i>	ANK	DM	50	51.1	5.27	3.06	1.03	51.1
Ferretti & Froggia, 1975	1971	Adriatic Sea	17	<i>Merlangius merlangus</i>	WHG	DM	NA	34	8.7	3.4	2.56	34
Ferretti & Froggia, 1975	1971	Adriatic Sea	17	<i>Merlangius merlangus</i>	WHG	DM	NA	33.7	10.6	6.8	3.15	33.7
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Merlangius merlangus</i>	WHG	DM	54	55.2	23.02	12.86	4.17	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Merlangius merlangus</i>	WHG	T90	54	55.3	22.88	3.92	4.14	55.3
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Merlangius merlangus</i>	WHG	DM	44	44.73	10.77	2.63	2.41	44.73
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Merlangius merlangus</i>	WHG	DM	44	44.33	8.25	1.76	1.86	44.33
Abella & Serena, 1998	1988	North Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	38	NA	10.2	1.8	2.68	38
Aldebert e Carriers, 1990	1990	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	34	11.4	NA	3.35	34
Aldebert e Carriers, 1990	1990	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	40	13	NA	3.25	40
Aldebert e Carriers, 1990	1990	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	50	16.3	NA	3.26	50
Aldebert e Carriers, 1990	1990	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	60	19.5	NA	3.25	60
Aldebert e Carriers, 1990	1990	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	40	12.4	NA	3.1	40
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	44	44.7	10.4	3.1	2.33	44.7
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	SM	40	42.4	14.4	4.8	3.4	42.4
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	HEX	40	42.6	11	4.3	2.58	42.6
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	44	44.7	10.3	3.4	2.3	44.7
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	SM	40	42.4	14.9	5.9	3.51	42.4
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	HEX	40	42.6	10.6	4.6	2.49	42.6
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Merluccius merluccius</i>	HKE	DM	42	40.3	10.1	3.1	2.51	40.3
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Merluccius merluccius</i>	HKE	SM	42	40.3	16	4.8	3.97	40.3
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	40	NA	8.31	3.2	2.08	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Merluccius merluccius</i>	HKE	DM	40	NA	8.67	3.9	2.17	40

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Merluccius merluccius</i>	HKE	SM	40	NA	15.21	3.12	3.8	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Merluccius merluccius</i>	HKE	SM	40	NA	17.16	2.38	4.29	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	40	NA	9.17	2.56	2.29	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	60	NA	18.1	10.62	3.02	60
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	50	51.9	13.59	2.18	2.62	51.9
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	50	51.9	13.1	2.1	2.52	51.9
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	50	51.9	17.82	6.2	3.43	51.9
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	50	51.9	17.33	6.12	3.34	51.9
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	SM	40	40.2	13.88	0.27	3.45	40.2
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	SM	40	40.2	13.39	2.32	3.33	40.2
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	SM	40	40.2	18.11	4.29	4.50	40.2
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	SM	40	40.2	17.62	6.35	4.38	40.2
Breic <i>et al.</i> , 2018b	2018	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	50	51.9	13.71	3.37	2.64	51.9
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	44	NA	11.7	4	2.66	44
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	44	44.27	12.3	1.6	2.78	44.27
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	50	50.82	14.4	6.3	2.83	50.82
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	SM	40	41.18	14.3	3.4	3.47	41.18
Dremiere, 1979	1979	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	35.5	12.8	NA	3.61	35.5
Dremiere, 1979	1979	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	34	10.2	NA	3	34
Dremiere, 1979	1979	Gulf of Lyon	7	<i>Merluccius merluccius</i>	HKE	DM	NA	34.9	11.4	NA	3.27	34.9
Ferretti & Frogliola, 1975	1970	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	NA	35.5	9	3.4	2.54	35.5
Ferretti & Frogliola, 1975	1973	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	NA	42	11	3	2.62	42
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	T90	44	45.4	12.8	4.6	2.82	45.4
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	T90	44	45.4	13.2	4	2.91	45.4
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	T90	40	40.4	12.1	1.7	3.00	40.4
Gil De Sola Simarro, 1991	1991	Spain	6	<i>Merluccius merluccius</i>	HKE	DM	NA	39.3	9.26	NA	2.36	39.3
Gil De Sola Simarro, 1991	1991	Spain	6	<i>Merluccius merluccius</i>	HKE	DM	NA	36.2	9.1	NA	2.51	36.2
Gil De Sola Simarro, 1994	1994	Spain	6	<i>Merluccius merluccius</i>	HKE	DM	NA	35	8.21	NA	2.35	35

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-cale
Gil De Sola Simarro, 1994	1994	Spain	6	<i>Merluccius merluccius</i>	HKE	DM	NA	40	9.11	NA	2.28	40
Gil De Sola Simarro, 1994	1994	Spain	6	<i>Merluccius merluccius</i>	HKE	DM	NA	50	12.85	NA	2.57	50
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Merluccius merluccius</i>	HKE	DM	40	NA	11.6	0.8	2.9	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Merluccius merluccius</i>	HKE	SM	40	NA	15.3	2.2	3.83	40
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	NA	35.5	9.5	NA	2.68	35.5
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	34	NA	11.9	NA	3.5	34
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	36	NA	11.5	NA	3.19	36
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	40	NA	14.1	NA	3.53	40
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	42	NA	11.8	NA	2.81	42
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	44	NA	11.2	NA	2.55	44
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	48	NA	13.1	NA	2.73	48
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	50	NA	14.5	NA	2.9	50
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Merluccius merluccius</i>	HKE	DM	52	NA	15.2	NA	2.92	52
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	40	NA	7.9	4.1	1.98	40
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	60	NA	15.5	4.8	2.58	60
Levi <i>et al.</i> , 1971	1971	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	NA	35.5	9.5	NA	2.68	35.5
Lucchetti, 2008	2006	Northern Adriatic	17	<i>Merluccius merluccius</i>	HKE	DM	40	42.8	7.6	4.01	1.78	42.8
Lucchetti, 2008	2006	Northern Adriatic	17	<i>Merluccius merluccius</i>	HKE	SM	40	42.8	12.98	3.65	3.03	42.8
M'Rabet, 1994	1994	Tunisia	12	<i>Merluccius merluccius</i>	HKE	DM	40	33.5	11.11		3.32	33.5
M'Rabet, 1994	1994	Tunisia	12	<i>Merluccius merluccius</i>	HKE	DM	40	34.9	11.48		3.29	34.9
M'Rabet, 1998	1998	Tunisia	12	<i>Merluccius merluccius</i>	HKE	DM	40	38.4	13	1	3.39	38.4
M'Rabet, 1998	1998	Tunisia	12	<i>Merluccius merluccius</i>	HKE	DM	48	44.2	14.3	0.6	3.24	44.2
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Merluccius merluccius</i>	HKE	DM	40	NA	10.6	3.3	2.65	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Merluccius merluccius</i>	HKE	SM	40	NA	15.2	3.3	3.8	40
Ozbilgin <i>et al.</i> , 2005	2003	Eastern Aegean	22	<i>Merluccius merluccius</i>	HKE	DM	40	NA	14.28	3.42	3.57	40
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	54	55.2	11.26	21.33	2.04	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	T90	54	55.3	21.26	7.02	3.84	55.3
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	28	NA	4.16	6.75	1.49	28

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	40	NA	13.79	7.06	3.45	40
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	SM	40	NA	15.1	5.68	3.78	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	40	NA	12.6	5.16	3.15	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	40	NA	12.32	4.87	3.08	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	40	NA	10.44	4.87	2.61	40
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	40	45.2	8.03	3.8	1.78	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	40	45.2	9.12	4.72	2.02	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	SM	40	43.25	11.97	6.11	2.77	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	SM	40	43.25	15.7	8.68	3.63	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	40	46.35	10.84	7.15	2.34	46.35
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	40	46.35	9.37	5.33	2.02	46.35
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	48	46.5	11.45	5.62	2.46	46.5
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	48	46.5	10.43	5.87	2.24	46.5
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	56	56.75	16.25	7.56	2.86	56.75
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	56	56.1	11.99	7.94	2.14	56.1
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	44	44.73	9.85	2.75	2.2	44.73
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	44	44.33	7.7	1.3	1.74	44.33
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	40	38.7	8.26	1.74	2.13	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	SM	40	38.65	14.17	3.64	3.67	38.65
Sarda <i>et al.</i> , 2006	2003	NW Mediterranean	6	<i>Merluccius merluccius</i>	HKE	SM	36	NA	18.47	5.07	5.13	36
Sbrana & Reale, 1994	1992	North Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	34	NA	7.74	2.29	2.28	34
Sbrana <i>et al.</i> , 1998	1992	North Tyrrhenian Sea	9	<i>Merluccius merluccius</i>	HKE	DM	NA	34	7.47	2.29	2.2	34
Soldo, 2004	2003	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	48	NA	14.28	4.15	2.98	48
Soldo, 2004	2003	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	48	NA	13.94	5.31	2.9	48
Soldo, 2004	2003	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	48	NA	13.7	5.55	2.85	48
Soldo, 2004	2003	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	48	NA	11.99	7.38	2.5	48
Soldo, 2004	2003	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	60	NA	16.64	2.96	2.77	60
Soldo, 2004	2003	Adriatic Sea	17	<i>Merluccius merluccius</i>	HKE	DM	60	NA	16.62	4.59	2.77	60

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Tokaç <i>et al.</i> , 2010	2004	Eastern Aegean	22	<i>Merluccius merluccius</i>	HKE	DM	40	42.42	11.59	4.07	2.73	42.42
Tosunoglou <i>et al.</i> , 2008	2006	Aegean Sea	22	<i>Merluccius merluccius</i>	HKE	DM	50	49.44	11.4	4.1	2.31	49.44
Tosunoglu <i>et al.</i> , 2003b	2002	Eastern Aegean	22	<i>Merluccius merluccius</i>	HKE	DM	40	41.9	10.6	2.84	2.53	41.9
Vives <i>et al.</i> , 1966	1966	NA	NA	<i>Merluccius merluccius</i>	HKE	DM	34	NA	10	NA	2.94	34
Vives <i>et al.</i> , 1966	1966	NA	NA	<i>Merluccius merluccius</i>	HKE	DM	40	NA	16.5	NA	4.13	40
Vives <i>et al.</i> , 1966	1966	NA	NA	<i>Merluccius merluccius</i>	HKE	DM	60	NA	22.5	NA	3.75	60
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Metapenaeus monoceros</i>	MPN	DM	44	44.5	1.6	0.41	0.36	44.5
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Metapenaeus monoceros</i>	MPN	SM	40	41.36	2.19	0.62	0.53	41.36
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Metapenaeus monoceros</i>	MPN	DM	44	42.03	1.84	0.41	0.44	42.03
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Metapenaeus monoceros</i>	MPN	DM	50	51.14	2.17	1.11	0.42	51.14
Baro & Muñoz, 2007	2004	Northern Alboran Sea	1	<i>Micromesistius poutassou</i>	WHB	DM	40	NA	12.01	3.4	3	40
Baro & Muñoz, 2007	2004	Northern Alboran Sea	1	<i>Micromesistius poutassou</i>	WHB	SM	40	NA	17.4	2.4	4.35	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Micromesistius poutassou</i>	WHB	SM	40	NA	20.1	2.5	5.03	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Micromesistius poutassou</i>	WHB	SM	40	NA	20.2	4.6	5.05	40
Kaykac, 2010	2005	Eastern Aegean	22	<i>Micromesistius poutassou</i>	WHB	DM	40	42.15	16.98	3.47	4.03	42.15
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Micromesistius poutassou</i>	WHB	DM	40	NA	21.17	4.11	5.29	40
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Micromesistius poutassou</i>	WHB	SM	40	NA	16.96	4.4	4.24	40
Politou <i>et al.</i> , 1997	1997	Greece	22	<i>Micromesistius poutassou</i>	WHB	DM	NA	32	4.1	6.9	1.28	32
Politou <i>et al.</i> , 1997	1997	Greece	22	<i>Micromesistius poutassou</i>	WHB	DM	NA	40	13.2	4.8	3.3	40
Politou <i>et al.</i> , 1997	1997	Greece	22	<i>Micromesistius poutassou</i>	WHB	DM	NA	48	14.2	4.9	2.96	48
Politou <i>et al.</i> , 1997	1997	Greece	22	<i>Micromesistius poutassou</i>	WHB	DM	NA	52	16.1	6.5	3.1	52
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	40	45.2	10.92	5.17	2.42	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	40	45.2	15.12	4	3.35	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	SM	40	43.25	13.58	4.34	3.14	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	SM	40	43.25	18.47	2.64	4.27	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	40	46.35	10.62	4.26	2.29	46.35
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	40	46.35	15.38	4.69	3.32	46.35
Soldo, 2004	2003	Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	48	NA	15.71	6.48	3.27	48

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Soldo, 2004	2003	Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	48	NA	12.17	7.99	2.54	48
Soldo, 2004	2003	Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	60	NA	22.31	5.23	3.72	60
Soldo, 2004	2003	Adriatic Sea	17	<i>Micromesistius poutassou</i>	WHB	DM	60	NA	22.2	6.14	3.7	60
Tokaç <i>et al.</i> , 2010	2004	Eastern Aegean	22	<i>Micromesistius poutassou</i>	WHB	DM	40	42.42	18.75	4.43	4.42	42.42
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Mullus barbatus</i>	MUT	DM	44	43.46	10.7	2.9	2.46	43.46
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Mullus barbatus</i>	MUT	SM	40	37.55	14.2	3.1	3.78	37.55
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	SM	40	40.8	14.4	2.5	3.53	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	SM	40	40.8	14.3	2.3	3.5	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	50	50.1	15.2	4.4	3.03	50.1
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	50	50.1	15.3	4.4	3.05	50.1
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Mullus barbatus</i>	MUT	DM	40	NA	9.02	1.98	2.26	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Mullus barbatus</i>	MUT	DM	40	NA	8.07	2.21	2.02	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Mullus barbatus</i>	MUT	SM	40	NA	11.5	1.79	2.88	40
Brcic <i>et al.</i> , 2018b	2018	Central Tyrrhenian Sea	9	<i>Mullus barbatus</i>	MUT	DM	50	51.9	10.35	9.11	1.99	51.9
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Mullus barbatus</i>	MUT	DM	32	NA	8.4	1.5	2.63	32
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Mullus barbatus</i>	MUT	DM	40	NA	9.3	4.1	2.33	40
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Mullus barbatus</i>	MUT	DM	44	NA	10.4	2	2.36	44
Cicek, 2015	2015	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	DM	44	NA	9.27	4.61	2.11	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	DM	44	NA	13.19	2.51	3	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	DM	50	NA	17.52	6.94	3.5	50
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	SM	40	NA	14.14	3.43	3.54	40
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	44	44.27	11.1	2	2.51	44.27
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	50	50.82	12.9	2.2	2.54	50.82
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	SM	40	41.18	12.9	2	3.13	41.18
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	T90	40	42.42	13.6	3.1	3.21	42.42
Ferretti & Frogliia, 1975	1969	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	38	7.7	1.4	2.03	38
Ferretti & Frogliia, 1975	1970	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	35.5	8.5	1.6	2.39	35.5
Ferretti & Frogliia, 1975	1970	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	42	8.3	1.9	1.98	42

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-cale
Ferretti & Froggia, 1975	1972	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	42.7	7.8	2.6	1.83	42.7
Ferretti & Froggia, 1975	1972	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	42.7	8.5	2	1.99	42.7
Ferretti & Froggia, 1975	1972	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	42.7	7	2.2	1.64	42.7
Ferretti & Froggia, 1975	1974	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	41.8	8.8	2.9	2.11	41.8
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	34	NA	9.9	NA	2.91	34
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	36	NA	10.6	NA	2.94	36
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	40	NA	12.5	NA	3.13	40
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	34	NA	10.5	NA	3.09	34
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	46	NA	10	NA	2.17	46
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	50	NA	14.6	NA	2.92	50
Larraneta <i>et al.</i> , 1969	1969	Golfo di Valencia	6	<i>Mullus barbatus</i>	MUT	DM	52	NA	12.4	NA	2.38	52
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	10	<i>Mullus barbatus</i>	MUT	DM	40	NA	8.9	1.8	2.23	40
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	10	<i>Mullus barbatus</i>	MUT	DM	60	NA	13.2	4.1	2.2	60
Levi <i>et al.</i> , 1971	1971	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	NA	35.5	8.3	NA	2.34	35.5
Livadas, 1988	1970	Cyprus	23	<i>Mullus barbatus</i>	MUT	DM	34	39.19	9.2	1.6	2.35	39.19
Livadas, 1988	1970	Cyprus	23	<i>Mullus barbatus</i>	MUT	DM	34	39.19	9.9	2.2	2.53	39.19
Livadas, 1988	1970	Cyprus	23	<i>Mullus barbatus</i>	MUT	DM	34	39.19	9.8	2	2.5	39.19
Livadas, 1988	1970	Cyprus	23	<i>Mullus barbatus</i>	MUT	DM	40	46.38	14.7	2.9	3.17	46.38
Livadas, 1988	1970	Cyprus	23	<i>Mullus barbatus</i>	MUT	DM	40	46.38	13.9	2.8	3	46.38
Livadas, 1988	1970	Cyprus	23	<i>Mullus barbatus</i>	MUT	DM	40	46.38	17.9	2.4	3.86	46.38
Lök <i>et al.</i> , 1997	1997	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	44	NA	13.68	2.92	3.11	44
Lök <i>et al.</i> , 1997	1997	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	44	NA	15.06	3.24	3.42	44
Lök <i>et al.</i> , 1997	1997	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	44	NA	14.32	2.14	3.25	44
M'Rabet, 1994	1994	Tunisia	12	<i>Mullus barbatus</i>	MUT	DM	40	33.5	10.98		3.28	33.5
M'Rabet, 1994	1994	Tunisia	12	<i>Mullus barbatus</i>	MUT	DM	40	34.9	9.14		2.62	34.9
M'Rabet, 1998	1998	Tunisia	12	<i>Mullus barbatus</i>	MUT	DM	40	38.4	9.9	0.9	2.58	38.4
M'Rabet, 1998	1998	Tunisia	12	<i>Mullus barbatus</i>	MUT	DM	48	44.2	13	1.1	2.94	44.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	43.2	9.34	2	2.16	43.2

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Mullus barbatus</i>	MUT	SM	40	43.2	13.31	2.23	3.08	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	50	51.1	10.83	4.73	2.12	51.1
Özbilgin <i>et al.</i> , 2011	2003	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	42.4	10.06	2.05	2.37	42.4
Özbilgin <i>et al.</i> , 2011	2003	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	42.4	11.14	2.14	2.63	42.4
Özbilgin <i>et al.</i> , 2011	2003	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	42.4	10.76	2.27	2.54	42.4
Özbilgin <i>et al.</i> , 2011	2003	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	42.4	10.95	1.91	2.58	42.4
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	DM	44	44.5	7.1	6.7	1.6	44.5
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	SM	40	41.36	14.1	2.6	3.41	41.36
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	DM	44	42.03	8.4	5.2	2	42.03
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Mullus barbatus</i>	MUT	DM	50	51.14	12.1	4.7	2.37	51.14
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	54	55.2	16.7	2.78	3.03	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	T90	54	55.3	23.1	11.48	4.18	55.3
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	NA	12.37	2.52	3.09	40
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	48	46.5	10.74	4.59	2.31	46.5
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	48	46.5	7.5	6.61	1.61	46.5
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	56	56.75	12.78	4.63	2.25	56.75
Sala & Luchetti, 2011	2005	Central Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	56	56.1	9.95	7.72	1.77	56.1
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	44	44.73	8.9	2.68	1.99	44.73
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	44	44.33	7.12	1.61	1.61	44.33
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	40	38.7	7.76	1.86	2.01	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	SM	40	38.65	10.91	1.43	2.82	38.65
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Mullus barbatus</i>	MUT	DM	44	45.15	8.58	1.51	1.9	45.15
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Mullus barbatus</i>	MUT	SM	44	45.95	13.2	1.73	2.87	45.95
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Mullus barbatus</i>	MUT	DM	54	54.7	11.63	3.41	2.13	54.7
Sala <i>et al.</i> , 2015	2006	South Tyrrhenian Sea	10	<i>Mullus barbatus</i>	MUT	SM	54	56.9	17.28	4.3	3.04	56.9
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Mullus barbatus</i>	MUT	SM	41	41.05	13.07	2.34	3.18	41.05
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Mullus barbatus</i>	MUT	SM	41	41.05	12.48	2.4	3.04	41.05
Sala <i>et al.</i> , 2016	2012	Adriatic sea	17	<i>Mullus barbatus</i>	MUT	SM	41	41.5	10.29	1.43	2.48	41.5

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-cale
Sala <i>et al.</i> , 2006	2004	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	44	45	8.9	2.68	1.98	45
Soldo, 2004	2003	Adriatic Sea	17	<i>Mullus barbatus</i>	MUT	DM	48	NA	13.49	1.74	2.81	48
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	36	NA	11.02	1.76	3.06	36
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	40	NA	12.19	2.15	3.05	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	44	NA	13.5	2.65	3.07	44
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	SM	36	NA	11.82	1.58	3.28	36
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	SM	40	NA	13.2	1.85	3.3	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	SM	44	NA	14.67	2.89	3.33	44
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	36	37	12.7	1.8	3.43	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	36	37	12.8	1.8	3.46	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	40	41.9	10.7	1.9	2.55	41.9
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	40	41.9	10.7	1.9	2.55	41.9
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	40	40.44	9.38	2.48	2.32	40.44
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	44	44.33	11.53	2.72	2.6	44.33
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	DM	50	51.34	15.4	3.15	3	51.34
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	T90	40	40.44	12.65	1.48	3.13	40.44
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Mullus barbatus</i>	MUT	T90	44	44.33	14.8	1.62	3.34	44.33
Tosunoglu <i>et al.</i> , 2003b	2002	Eastern Aegean	22	<i>Mullus barbatus</i>	MUT	DM	40	41.9	10.6	1.71	2.53	41.9
Voliani & Abella, 1998	1991	Tyrrhenian sea	9	<i>Mullus barbatus</i>	MUT	DM	38	NA	9.3	1.5	2.45	38
Livadas, 1988	1970	Cyprus	23	<i>Mullus surmuletus</i>	MUR	DM	34	39.19	12.5	2.9	3.19	39.19
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Mullus surmuletus</i>	MUR	DM	40	43.2	8.4	2.2	1.94	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Mullus surmuletus</i>	MUR	SM	40	43.2	12.04	1.65	2.79	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Mullus surmuletus</i>	MUR	DM	50	51.1	10.84	5.81	2.12	51.1
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Mullus surmuletus</i>	MUR	DM	40	NA	4.5	5.8	1.13	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Mullus surmuletus</i>	MUR	SM	40	NA	12.2	2.1	3.05	40
Demirci <i>et al.</i> , 2019	2012	Eastern Aegean Sea	24	<i>Nemipterus randalli</i>	NNZ	DM	44	44.7	9.34	3.45	2.09	44.7
Demirci <i>et al.</i> , 2019	2012	Eastern Aegean Sea	24	<i>Nemipterus randalli</i>	NNZ	DM	44	44.7	10.02	1.8	2.24	44.7
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Nemipterus randalli</i>	NNZ	DM	44	44.5	5.8	13.5	1.3	44.5

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Nemipterus randalli</i>	NNZ	SM	40	41.36	14.3	2.4	3.46	41.36
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Nemipterus randalli</i>	NNZ	DM	44	42.03	9.9	7.2	2.36	42.03
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Nemipterus randalli</i>	NNZ	DM	50	51.14	11.6	11	2.27	51.14
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Nephrops norvegicus</i>	NEP	SM	42	40.3	2.2	0.65	0.55	40.3
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Nephrops norvegicus</i>	NEP	SM	40	NA	2.13	0.62	0.53	40
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Nephrops norvegicus</i>	NEP	DM	50	51.9	1.787	0.312	0.34	51.9
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Nephrops norvegicus</i>	NEP	DM	50	51.9	2.174	0.312	0.42	51.9
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Nephrops norvegicus</i>	NEP	SM	40	40.2	2.027	0.312	0.50	40.2
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Nephrops norvegicus</i>	NEP	SM	40	40.2	2.414	0.312	0.60	40.2
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Nephrops norvegicus</i>	NEP	SM	40	NA	2.66	0.34	0.67	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Nephrops norvegicus</i>	NEP	SM	40	NA	2.46	0.15	0.62	40
Kaykac <i>et al.</i> , 2009a	2005	Eastern Aegean	22	<i>Nephrops norvegicus</i>	NEP	DM	40	42.58	1.6	0.45	0.38	42.58
Kaykac <i>et al.</i> , 2009a	2005	Eastern Aegean	22	<i>Nephrops norvegicus</i>	NEP	DM	40	43.68	1.94	0.59	0.44	43.68
Mytilineou <i>et al.</i> , 1998	1995	West Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	DM	40	40.8	1.78	0.5	0.44	40.8
Mytilineou <i>et al.</i> , 1998	1995	West Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	DM	48	47	2.01	0.66	0.43	47
Mytilineou <i>et al.</i> , 1998	1995	West Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	DM	52	51.8	2.05	0.76	0.4	51.8
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	DM	40	45.2	1.46	0.51	0.32	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	DM	40	45.2	1.56	0.45	0.35	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	SM	40	43.25	1.93	0.75	0.45	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	SM	40	43.25	2.07	0.62	0.48	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	DM	40	46.35	1.76	0.96	0.38	46.35
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	DM	40	46.35	1.49	0.5	0.32	46.35
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	DM	40	38.7	1.46	0.28	0.38	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	SM	40	38.65	1.91	0.37	0.49	38.65
Sarda <i>et al.</i> , 1993	1991	West Mediterranean	6	<i>Nephrops norvegicus</i>	NEP	DM	38	NA	1.49	0.36	0.39	38
Sarda <i>et al.</i> , 1993	1991	West Mediterranean	6	<i>Nephrops norvegicus</i>	NEP	DM	42	NA	1.94	0.38	0.46	42
Sarda <i>et al.</i> , 1993	1991	West Mediterranean	6	<i>Nephrops norvegicus</i>	NEP	DM	45	NA	1.89	0.34	0.42	45
Sarda <i>et al.</i> , 1993	1991	West Mediterranean	6	<i>Nephrops norvegicus</i>	NEP	DM	52	NA	2.31	0.79	0.44	52

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-cale
Sarda <i>et al.</i> , 1993	1991	West Mediterranean	6	<i>Nephrops norvegicus</i>	NEP	DM	60	NA	3.08	1.51	0.51	60
Soldo, 2004	2003	Adriatic Sea	17	<i>Nephrops norvegicus</i>	NEP	DM	48	NA		3.01	0	48
Stergiou <i>et al.</i> , 1997	1994	West Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	DM	40	NA	2.28	0.95	0.57	40
Stergiou <i>et al.</i> , 1997	1994	West Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	SM	40	NA	2.41	0.59	0.6	40
Tokaç <i>et al.</i> , 2009	2004	Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	DM	40	42.42	1.59	0.52	0.37	42.42
Tokaç <i>et al.</i> , 2009	2004	Aegean Sea	22	<i>Nephrops norvegicus</i>	NEP	DM	40	42.83	1.6	0.62	0.37	42.83
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Octopus saluti</i>	OQT	DM	40	NA	4.54	3.64	1.14	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Octopus vulgaris</i>	OCC	DM	40	NA	3.03	3.99	0.76	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Octopus vulgaris</i>	OCC	SM	40	NA	3.83	4.8	0.96	40
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	9	<i>Octopus vulgaris</i>	OCC	DM	40	NA	6.5	1.6	1.63	40
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	9	<i>Octopus vulgaris</i>	OCC	DM	60	NA	9.78	1.6	1.63	60
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Octopus vulgaris</i>	OCC	DM	40	NA	3.5	2.1	0.88	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Octopus vulgaris</i>	OCC	SM	40	NA	6	2.2	1.5	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Octopus vulgaris</i>	OCC	DM	40	NA	5.22	1.58	1.3	40
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Pagellus acarne</i>	SBA	DM	44	43.46	11.8	2.4	2.72	43.46
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	SM	40	40.8	14.4	4	3.53	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	DM	50	50.1	15.3	2.4	3.05	50.1
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Pagellus acarne</i>	SBA	SM	40	NA	9.4	4.2	2.35	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	DM	36	NA	10.61	2.21	2.95	36
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	DM	40	NA	11.8	1.61	2.95	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	DM	44	NA	14.16	1.38	3.22	44
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	SM	36	NA	10.38	2.27	2.88	36
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	SM	40	NA	12.36	1.77	3.09	40
Tokaç <i>et al.</i> , 1998	1996	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	SM	44	NA	13.03	1.99	2.96	44
Tosunoglu, 2007	1997	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	DM	44	45.7	13.6	1.9	2.98	45.7
Tosunoglu <i>et al.</i> , 2003b	2002	Eastern Aegean	22	<i>Pagellus acarne</i>	SBA	DM	40	41.9	11.6	2.08	2.77	41.9
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Pagellus erythrinus</i>	PAC	DM	44	43.46	11.8	1.6	2.72	43.46
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Pagellus erythrinus</i>	PAC	SM	40	37.55	11	2.6	2.93	37.55

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	SM	40	40.8	13.1	0.7	3.21	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	50	50.1	15	2	2.99	50.1
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Pagellus erythrinus</i>	PAC	DM	40	NA	8.11	1.9	2.03	40
Cicek, 2015	2015	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	DM	44	NA	7	2.94	1.59	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	SM	40	NA	14.05	2.03	3.51	40
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	DM	44	NA	16.19	4.09	3.68	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	DM	50	NA	17.06	2.87	3.41	50
Joksimovic <i>et al.</i> , 2009	2004	Adriatic Sea	18	<i>Pagellus erythrinus</i>	PAC	DM	NA	27	7.6	0.87	2.81	27
Joksimovic <i>et al.</i> , 2009	2004	Adriatic Sea	18	<i>Pagellus erythrinus</i>	PAC	DM	NA	32.2	8.68	1.16	2.7	32.2
Joksimovic <i>et al.</i> , 2009	2004	Adriatic Sea	18	<i>Pagellus erythrinus</i>	PAC	DM	NA	35	10.82	2.83	3.09	35
Joksimovic <i>et al.</i> , 2009	2004	Adriatic Sea	18	<i>Pagellus erythrinus</i>	PAC	DM	NA	44	15	3.34	3.41	44
Joksimovic <i>et al.</i> , 2009	2004	Adriatic Sea	18	<i>Pagellus erythrinus</i>	PAC	DM	NA	70	15.26	2.1	2.18	70
Livadas, 1988	1970	Cyprus	23	<i>Pagellus erythrinus</i>	PAC	DM	34	39.19	11.2	2.6	2.86	39.19
M'Rabet, 1994	1994	Tunisia	12	<i>Pagellus erythrinus</i>	PAC	DM	40	33.5	10.4		3.1	33.5
M'Rabet, 1994	1994	Tunisia	12	<i>Pagellus erythrinus</i>	PAC	DM	40	34.9	13.34		3.82	34.9
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	40	43.2	9.72	2.69	2.25	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	SM	40	43.2	11.02	2.39	2.55	43.2
Mytilineou <i>et al.</i> , 2021	2014	South Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	50	51.1	13.4	3.43	2.62	51.1
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Pagellus erythrinus</i>	PAC	SM	40	NA	10.4	2	2.6	40
Özbilgin <i>et al.</i> , 2003	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	40	NA	10.5	2.8	2.63	40
Özbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	DM	44	44.5	8.3	2.5	1.87	44.5
Özbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	SM	40	41.36	13	1.9	3.14	41.36
Özbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	DM	44	42.03	11.7	5.2	2.78	42.03
Özbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Pagellus erythrinus</i>	PAC	DM	50	51.14	15.1	4.9	2.95	51.14
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	40	NA	11.88	1.35	2.97	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	40	NA	10.41	2.39	2.6	40
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Pagellus erythrinus</i>	PAC	DM	44	44.73	8.71	2.52	1.95	44.73
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Pagellus erythrinus</i>	PAC	DM	44	44.33	6.92	2.23	1.56	44.33

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Pagellus erythrinus</i>	PAC	DM	40	38.7	7.56	2.43	1.95	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Pagellus erythrinus</i>	PAC	SM	40	38.65	9.67	1.36	2.5	38.65
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	36	37	12.4	2.7	3.35	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	40	41.9	10.9	2.8	2.6	41.9
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	40	41.9	10.8	2.3	2.58	41.9
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	44	44.7	13.6	2	3.04	44.7
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	44	44.7	13.8	2.3	3.09	44.7
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	40	40.44	8.99	2.45	2.22	40.44
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	44	44.33	11.3	2.45	2.55	44.33
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	DM	50	51.34	15.45	2.45	3.01	51.34
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	T90	40	40.44	10.52	1.38	2.6	40.44
Tokaç <i>et al.</i> , 2014	2014	Aegean Sea	22	<i>Pagellus erythrinus</i>	PAC	T90	44	44.33	12.97	1.28	2.93	44.33
Tosunoglu 2007	1997	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	44	45.7	12.4	2.6	2.71	45.7
Tosunoglu <i>et al.</i> , 2003b	2002	Eastern Aegean	22	<i>Pagellus erythrinus</i>	PAC	DM	40	41.9	10.8	2.02	2.58	41.9
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Pagrus pagrus</i>	RPG	DM	40	NA	10.28	0.71	2.57	40
Aydin & Tosunoglu, 2009	2007	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	SM	40	42.4	1.67	0.65	0.39	42.4
Aydin & Tosunoglu, 2009	2007	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	HEX	40	42.6	1.74	0.62	0.41	42.6
Aydin <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Parapenaeus longirostris</i>	DPS	DM	44	44.7	1.69	0.59	0.38	44.7
Aydin <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Parapenaeus longirostris</i>	DPS	DM	44	44.7	1.69	0.65	0.38	44.7
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.28	0.16	0.32	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.62	0.27	0.41	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Parapenaeus longirostris</i>	DPS	SM	40	NA	1.72	0.6	0.43	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.3	0.53	0.32	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	60	NA	2.23	1.2	0.37	60
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	50	51.9	1.579	0.526	0.30	51.9
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	50	51.9	1.782	0.425	0.34	51.9
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	50	51.9	1.602	0.515	0.31	51.9
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	50	51.9	1.806	0.414	0.35	51.9

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Brici <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	SM	40	40.2	1.561	0.376	0.39	40.2
Brici <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	SM	40	40.2	1.764	0.275	0.44	40.2
Brici <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	SM	40	40.2	1.877	0.365	0.47	40.2
Brici <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	SM	40	40.2	2.08	0.264	0.52	40.2
Brici <i>et al.</i> , 2018b	2018	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	50	51.9	1.67	0.488	0.32	51.9
Dereli <i>et al.</i> , 2016	2016	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	44	44.27	2.12	0.49	0.48	44.27
Dereli <i>et al.</i> , 2016	2016	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	50	50.82	2.32	0.87	0.46	50.82
Dereli <i>et al.</i> , 2016	2016	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	SM	40	41.18	2.08	0.4	0.51	41.18
Dereli <i>et al.</i> , 2016	2016	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	T90	40	42.42	2.05	1.01	0.48	42.42
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Parapenaeus longirostris</i>	DPS	DM	44	43.46	1.63	0.61	0.38	43.46
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Parapenaeus longirostris</i>	DPS	SM	40	37.55	1.82	0.55	0.48	37.55
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Parapenaeus longirostris</i>	DPS	DM	50	NA	2.14	0.93	0.43	50
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Parapenaeus longirostris</i>	DPS	T90	50	NA	2.26	0.83	0.45	50
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	T90	44	45.4	1.75	0.57	0.39	45.4
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	T90	44	45.4	1.86	0.51	0.41	45.4
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	T90	40	40.4	1.71	0.6	0.42	40.4
Goni, R., 1985	1985	Morocco	3	<i>Parapenaeus longirostris</i>	DPS	DM	39	NA	2	NA	0.51	39
Goni, R., 1985	1985	Morocco	3	<i>Parapenaeus longirostris</i>	DPS	DM	60	NA	2.51	NA	0.42	60
GRUND, 1999	1999	South Ligurian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	34	NA	1.29	NA	0.38	34
GRUND, 1999	1999	North Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	38	NA	1.06	NA	0.28	38
GRUND, 1999	1999	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	30	NA	1.14	NA	0.38	30
GRUND, 1999	1999	South Tyrrhenian Sea	10	<i>Parapenaeus longirostris</i>	DPS	DM	36	NA	1.09	NA	0.3	36
GRUND, 1999	1999	Ionian Sea	19	<i>Parapenaeus longirostris</i>	DPS	DM	36	NA	1.34	NA	0.37	36
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.72	1.7	0.43	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Parapenaeus longirostris</i>	DPS	SM	40	NA	2.06	2.1	0.52	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.66	0.3	0.42	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Parapenaeus longirostris</i>	DPS	SM	40	NA	2.02	0.23	0.51	40
Kaykac <i>et al.</i> , 2009b	2005	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	42	1.45	0.56	0.35	42

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-cale
Kaykac <i>et al.</i> , 2009b	2005	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	48	48.6	1.66	0.65	0.34	48.6
Kaykac <i>et al.</i> , 2009b	2005	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	SM	40	40.2	1.63	0.43	0.41	40.2
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.42	0.29	0.36	40
Lembo <i>et al.</i> , 2002	2001	Central Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	60	NA	2	0.66	0.33	60
Nouar, 1985	1985	Algeria	4	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.68	NA	0.42	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.96	0.53	0.49	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.96	0.53	0.49	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	NA	1.65	0.53	0.41	40
Ragonese & Bianchini, 2006	1998	North Tyrrhenian Sea	10	<i>Parapenaeus longirostris</i>	DPS	DM	31	NA	1.28	0.23	0.41	31
Ragonese & Bianchini, 2006	1997	Strait of Sicily	16	<i>Parapenaeus longirostris</i>	DPS	DM	31	NA	1.3	0.52	0.42	31
Rinelli <i>et al.</i> , 2005	1997	South Tyrrhenian Sea	10	<i>Parapenaeus longirostris</i>	DPS	DM	36	NA	1.41	0.4	0.39	36
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Parapenaeus longirostris</i>	DPS	DM	40	38.7	1.2	0.24	0.31	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Parapenaeus longirostris</i>	DPS	SM	40	38.65	1.49	0.26	0.39	38.65
Sbrana <i>et al.</i> , 2006	1999	North Tyrrhenian Sea	9	<i>Parapenaeus longirostris</i>	DPS	DM	40	35.93	1.24	0.31	0.34	35.93
Tokaç <i>et al.</i> , 2009	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	42.42	1.27	0.62	0.3	42.42
Tokaç <i>et al.</i> , 2009	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	42.83	1.43	0.64	0.33	42.83
Tokaç <i>et al.</i> , 2009	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	42.42	1.25	0.61	0.29	42.42
Tokaç <i>et al.</i> , 2009	2004	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	40	42.83	1.39	0.7	0.33	42.83
Tosunoglou <i>et al.</i> , 2007	2006	Aegean Sea	22	<i>Parapenaeus longirostris</i>	DPS	DM	46	49.44	1.97	0.61	0.4	49.44
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Phycis blennoides</i>	GFB	DM	44	44.7	12.2	3.8	2.73	44.7
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Phycis blennoides</i>	GFB	SM	40	42.4	15.8	6.3	3.73	42.4
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Phycis blennoides</i>	GFB	HEX	40	42.6	12.7	8.5	2.98	42.6
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Phycis blennoides</i>	GFB	DM	42	40.3	9.8	2.6	2.43	40.3
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Phycis blennoides</i>	GFB	SM	42	40.3	14.8	1.7	3.67	40.3
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Phycis blennoides</i>	GFB	DM	40	NA	11.95	3.17	2.99	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Phycis blennoides</i>	GFB	DM	60	NA	17.23	5.38	2.87	60
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Phycis blennoides</i>	GFB	DM	40	NA	9.09	2.43	2.27	40
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Phycis blennoides</i>	GFB	DM	50	NA	11.24	2.72	2.25	50

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
D'Onghia <i>et al.</i> , 2003	1998	Ionian Sea	19	<i>Phycis blennooides</i>	GFB	DM	60	NA	17.39	5.57	2.9	60
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Phycis blennooides</i>	GFB	DM	40	NA	12.2	3	3.05	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Phycis blennooides</i>	GFB	SM	40	NA	14.4	4	3.6	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Phycis blennooides</i>	GFB	DM	40	NA	12	4.1	3	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Phycis blennooides</i>	GFB	SM	40	NA	16.3	4.1	4.08	40
Tokaç <i>et al.</i> , 2010	2004	Eastern Aegean	22	<i>Phycis blennooides</i>	GFB	DM	40	42.42	12.53	3.77	2.95	42.42
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Plesionika martia</i>	LKT	DM	44	43.46	1.41	0.5	0.32	43.46
Deval <i>et al.</i> , 2009	2007	North Levant	24	<i>Plesionika martia</i>	LKT	SM	40	37.55	1.58	0.37	0.42	37.55
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Plesionika martia</i>	LKT	DM	50	NA	1.77	0.59	0.35	50
Deval <i>et al.</i> , 2016	2016	Eastern Mediterranean	24	<i>Plesionika martia</i>	LKT	T90	50	NA	1.96	0.5	0.39	50
D'Onghia <i>et al.</i> , 1998	1996	Ionian Sea	19	<i>Plesionika martia</i>	LKT	DM	60	NA	1.77	0.62	0.3	60
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Plesionika martia</i>	LKT	DM	40	NA	1.61	0.23	0.4	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Plesionika martia</i>	LKT	SM	40	NA	1.85	0.22	0.46	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Plesionika martia</i>	LKT	DM	40	NA	1.65	0.07	0.41	40
Guijaro & Massuti, 2006	2003	Balearic Islands	5	<i>Plesionika martia</i>	LKT	SM	40	NA	1.82	0.2	0.46	40
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Sardina pilchardus</i>	PIL	DM	32	NA	13.2	3.9	4.13	32
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Sardina pilchardus</i>	PIL	DM	40	NA	15.5	2.4	3.88	40
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Sardina pilchardus</i>	PIL	DM	44	NA	16.6	3.6	3.77	44
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Sardina pilchardus</i>	PIL	DM	40	NA	14.37	1.89	3.59	40
Cicek, 2015	2015	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	DM	44	NA	12.57	7.96	2.86	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	SM	40	NA	22.94	3.94	5.74	40
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	DM	44	NA	26.75	4.87	6.08	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	DM	50	NA	27.21	4.21	5.44	50
Demirci & Simsek, 2017	2017	Eastern Mediterranean	22	<i>Saurida undosquamis</i>	LIB	SM	44	NA	18.41	4.62	4.18	44
Demirci & Simsek, 2017	2017	Eastern Mediterranean	22	<i>Saurida undosquamis</i>	LIB	SM	44	NA	18.5	3.76	4.2	44
Demirci <i>et al.</i> , 2019	2012	Eastern Aegean Sea	24	<i>Saurida undosquamis</i>	LIB	DM	44	44.7	16.44	6.17	3.68	44.7
Demirci <i>et al.</i> , 2019	2012	Eastern Aegean Sea	24	<i>Saurida undosquamis</i>	LIB	DM	44	44.7	14.75	12.28	3.30	44.7
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	DM	44	44.5	8.3	11.6	1.87	44.5

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-cale
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	SM	40	41.36	24.1	3.6	5.83	41.36
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	DM	44	42.03	23.4	8.9	5.57	42.03
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Saurida undosquamis</i>	LIB	DM	50	51.14	27.7	6.6	5.42	51.14
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Scomber scombrus</i>	MAC	DM	54	55.2	21.37	3.57	3.87	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Scomber scombrus</i>	MAC	T90	54	55.3	22.08	2.72	3.99	55.3
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Scorpaena notata</i>	SNQ	SM	40	NA	9.7	1.2	2.43	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Scorpaena scrofa</i>	RSE	SM	40	NA	8.3	3.2	2.08	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Scyliorhinus canicula</i>	SYC	DM	40	NA	18.8	7.1	4.7	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Scyliorhinus canicula</i>	SYC	SM	40	NA	28.7	7	7.18	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Sepia elegans</i>	EJE	DM	40	NA	1.61	2.46	0.4	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Sepia elegans</i>	EJE	SM	40	NA	4.3	1.24	1.08	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Sepia elegans</i>	EJE	DM	40	NA	2.79	1.34	0.7	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Sepia elegans</i>	EJE	SM	40	NA	4.47	1.52	1.12	40
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Sepia orbignyana</i>	IAR	DM	44	44.7	3	1.2	0.67	44.7
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Sepia orbignyana</i>	IAR	HEX	40	42.6	3	1.5	0.7	42.6
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Sepia orbignyana</i>	IAR	HEX	40	42.6	3.1	1.4	0.73	42.6
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Sepia orbignyana</i>	IAR	SM	40	42.4	3.6	1.3	0.85	42.4
Tosunoglu <i>et al.</i> , 2009	2007	Eastern Aegean	22	<i>Sepia orbignyana</i>	IAR	SM	40	42.4	3.8	1.3	0.9	42.4
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Sepietta oweniana</i>	ITW	DM	40	NA	2.2	0.9	0.55	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Serranus cabrilla</i>	CBR	DM	40	NA	9.3	2.5	2.33	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Serranus cabrilla</i>	CBR	SM	40	NA	14.1	2.7	3.53	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Serranus hepatus</i>	SRJ	DM	40	NA	9	0.65	2.25	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Serranus hepatus</i>	SRJ	DM	40	NA	8.51	0.65	2.13	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Spicara flexuosa</i>	SPCF	DM	40	NA	13.44	1.39	3.36	40
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Spicara maena</i>	BPI	DM	44	43.46	14	2.7	3.22	43.46
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Spicara maena</i>	BPI	SM	40	37.55	15.7	2	4.18	37.55
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Spicara maena</i>	BPI	SM	40	40.8	14.4	2.6	3.53	40.8
Aydin <i>et al.</i> , 2011	2008	Eastern Aegean	22	<i>Spicara maena</i>	BPI	DM	50	50.1	17.2	7.1	3.43	50.1

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Tosunoglou <i>et al.</i> , 2003a	2003	Eastern Mediterranean	NA	<i>Spicara maena</i>	BPI	DM	40	NA	12.3	2.8	3.08	40
Livadas, 1988	1970	Cyprus	23	<i>Spicara smaris</i>	SPC	DM	34	39.19	12	2.7	3.06	39.19
Livadas, 1988	1970	Cyprus	23	<i>Spicara smaris</i>	SPC	DM	34	39.19	13.8	1.6	3.52	39.19
Livadas, 1988	1970	Cyprus	23	<i>Spicara smaris</i>	SPC	DM	40	46.38	13.7	2.7	2.95	46.38
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Spicara smaris</i>	SPC	DM	40	NA	9	5.1	2.25	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Spicara smaris</i>	SPC	SM	40	NA	17.1	6.9	4.28	40
Özbilgin <i>et al.</i> , 2007	2003	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	42.4	11.09	2.6	2.62	42.4
Özbilgin <i>et al.</i> , 2007	2003	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	42.4	12.92	2.85	3.05	42.4
Özbilgin <i>et al.</i> , 2007	2003	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	42.4	13.82	3.08	3.26	42.4
Özbilgin <i>et al.</i> , 2007	2003	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	42.4	12.21	2.48	2.88	42.4
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Spicara smaris</i>	SPC	DM	40	NA	14.52	2.59	3.63	40
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	36	37	13.2	1.6	3.57	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	36	37	13.3	1.3	3.59	37
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	41.9	12.4	2.8	2.96	41.9
Tokaç <i>et al.</i> , 2004	2002	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	41.9	12.4	2.4	2.96	41.9
Tosunoglu <i>et al.</i> , 2003b	2002	Eastern Aegean	22	<i>Spicara smaris</i>	SPC	DM	40	41.9	13.5	1.89	3.22	41.9
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Sprattus sprattus</i>	SPR	DM	32	NA	11.6	1.8	3.63	32
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Sprattus sprattus</i>	SPR	DM	44	NA	12	2.1	2.73	44
Baino, 1998	1997	Central Tyrrhenian Sea	9	<i>Squilla mantis</i>	MTS	DM	40	NA	7.37	1.94	1.84	40
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Squilla mantis</i>	MTS	DM	54	55.2	13.35	8.86	2.42	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Squilla mantis</i>	MTS	T90	54	55.3	20.78	4.36	3.76	55.3
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Trachinus draco</i>	WEG	DM	40	NA	13.3	1.5	3.33	40
Ordines <i>et al.</i> , 2006	2002	Balearic Islands	5	<i>Trachinus draco</i>	WEG	SM	40	NA	18.1	2.7	4.53	40
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Trachurus mediterraneus</i>	HMM	DM	54	55.2	24.99	8.03	4.53	55.2
Petetta <i>et al.</i> , 2020	2019	North Adriatic Sea	17	<i>Trachurus mediterraneus</i>	HMM	T90	54	55.3	22.32	1.66	4.04	55.3
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Trachurus spp</i>	HOM	DM	44	44.7	14.7	4.6	3.29	44.7
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Trachurus spp</i>	HOM	SM	40	42.4	15.9	5.6	3.75	42.4
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Trachurus spp</i>	HOM	HEX	40	42.6	17.1	5	4.01	42.6

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	44	44.7	14.4	5.2	3.22	44.7
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Trachurus</i> spp	HOM	SM	40	42.4	16.8	4.8	3.96	42.4
Aydin & Tosunoglu, 2010	2007	Aegean Sea	22	<i>Trachurus</i> spp	HOM	HEX	40	42.6	17.2	5.9	4.04	42.6
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Trachurus</i> spp	HOM	DM	40	NA	11.9	2.8	2.98	40
Baro <i>et al.</i> , 2007	2004	Northern Alboran Sea	1	<i>Trachurus</i> spp	HOM	SM	40	NA	14.8	1.1	3.7	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Trachurus</i> spp	HOM	DM	40	NA	10.28	3.04	2.57	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Trachurus</i> spp	HOM	DM	60	NA	19.83	10.52	3.31	60
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Trachurus</i> spp	HOM	DM	32	NA	11.2	2.7	3.5	32
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Trachurus</i> spp	HOM	DM	40	NA	12.7	3.5	3.18	40
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	44	44.27	16.2	3.1	3.66	44.27
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	50	50.82	14.2	4.2	2.79	50.82
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Trachurus</i> spp	HOM	SM	40	41.18	15.3	3.2	3.72	41.18
Dereli & Aydin, 2016	2016	Aegean Sea	22	<i>Trachurus</i> spp	HOM	T90	40	42.42	17.1	2.1	4.03	42.42
Ferretti & Froggia, 1975	1970	Adriatic Sea	17	<i>Trachurus</i> spp	HOM	DM	NA	34	8.2	2.6	2.41	34
Ferretti & Froggia, 1975	1972	Adriatic Sea	17	<i>Trachurus</i> spp	HOM	DM	NA	34	9.2	2.8	2.71	34
Ferretti & Froggia, 1975	1972	Adriatic Sea	17	<i>Trachurus</i> spp	HOM	DM	NA	33.7	11	5.1	3.26	33.7
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Trachurus</i> spp	HOM	DM	40	NA	13.7	2.1	3.43	40
Ordines <i>et al.</i> , 2006	2003	Balearic Islands	5	<i>Trachurus</i> spp	HOM	SM	40	NA	15.2	3	3.8	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	40	NA	14.11	3.1	3.53	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	40	NA	14.66	3.11	3.67	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	40	NA	14.66	3.11	3.67	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	40	NA	14.11	3.1	3.53	40
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Trachurus</i> spp	HOM	DM	40	38.7	9.71	2.75	2.51	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Trachurus</i> spp	HOM	SM	40	38.65	13.12	2.43	3.39	38.65
Sarda <i>et al.</i> , 2006	2003	NW Mediterranean	6	<i>Trachurus</i> spp	HOM	SM	36	NA	14.03	2.48	3.9	36
Tosunoglou <i>et al.</i> , 2008	2006	Aegean Sea	22	<i>Trachurus</i> spp	HOM	DM	50	49.44	15.6	5.5	3.16	49.44
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	DM	50	51.9	15.25	3.17	2.94	51.9
Brcic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	DM	50	51.9	13.03	3.17	2.51	51.9

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	DM	50	51.9	7.31	3.17	1.41	51.9
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	DM	50	51.9	5.09	3.17	0.98	51.9
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	SM	40	40.2	14.47	2.25	3.60	40.2
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	SM	40	40.2	12.26	2.25	3.05	40.2
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	SM	40	40.2	6.53	2.25	1.62	40.2
Breic <i>et al.</i> , 2018a	2012	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	SM	40	40.2	4.31	2.25	1.07	40.2
Breic <i>et al.</i> , 2018b	2018	Central Tyrrhenian Sea	9	<i>Trachurus trachurus</i>	HOM	DM	50	51.9	15.17	4.72	2.92	51.9
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Trachurus trachurus</i>	HOM	T90	44	45.4	16.4	2.7	3.61	45.4
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Trachurus trachurus</i>	HOM	T90	44	45.4	17.1	3.4	3.77	45.4
Genç <i>et al.</i> , 2018	2015	Eastern Aegean Sea	22	<i>Trachurus trachurus</i>	HOM	T90	40	40.4	14.8	2.5	3.66	40.4
Sarda <i>et al.</i> , 2006	2003	NW Mediterranean	6	<i>Triglidae</i>	GUX	SM	36	NA	12.63	2.31	3.51	36
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Trisopterus minutus</i>	POD	DM	42	40.3	9.2	3	2.28	40.3
Bahamon <i>et al.</i> , 2006	2005	Catalan Sea	6	<i>Trisopterus minutus</i>	POD	SM	42	40.3	13	3	3.23	40.3
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Trisopterus minutus</i>	POD	DM	40	NA	10.94	4.54	2.74	40
Belcari <i>et al.</i> , 2007	2004	North Tyrrhenian Sea	9	<i>Trisopterus minutus</i>	POD	DM	60	NA	16.13	5.14	2.69	60
Breic <i>et al.</i> , 2018b	2018	Central Tyrrhenian Sea	9	<i>Trisopterus minutus</i>	POD	DM	50	51.9	11.08	3.04	2.13	51.9
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Trisopterus minutus</i>	POD	DM	40	NA	10.9	2.2	2.73	40
Burgaud & Dremiere, 1992	1982	Gulf of Lyon	7	<i>Trisopterus minutus</i>	POD	DM	44	NA	14.5	3.2	3.3	44
Ferretti & Froggia, 1975	1970	Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	NA	35.5	10.4	2.9	2.93	35.5
Ozbilgin <i>et al.</i> , 2005	2003	Eastern Aegean	22	<i>Trisopterus minutus</i>	POD	DM	40	NA	14.11	1.69	3.53	40
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Trisopterus minutus</i>	POD	DM	40	NA	13.73	5.5	3.43	40
Petrakis & Stergiou, 1997	1994	West Aegean Sea	22	<i>Trisopterus minutus</i>	POD	SM	40	NA	11.85	5.95	2.96	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Trisopterus minutus</i>	POD	DM	40	NA	12	2.35	3	40
Petrakis <i>et al.</i> , 2004	2004	Aegean Sea	22	<i>Trisopterus minutus</i>	POD	DM	40	NA	9.79	2.35	2.45	40
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	40	45.2	6.2	1.29	1.37	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	40	45.2	10.42	2.5	2.31	45.2
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	SM	40	43.25	10.19	3.59	2.36	43.25
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	SM	40	43.25	13.03	4	3.01	43.25

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Table S2 continued

References	Years	Area	GSA	Species	FAO Code	MC	NMS	MMS	L50	SR	SF	MS-calc
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	40	46.35	8.64	3.23	1.86	46.35
Sala & Luchetti, 2010	2005	Central Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	40	46.35	9.79	3	2.11	46.35
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	44	44.73	10.39	2.73	2.32	44.73
Sala <i>et al.</i> , 2007	2004	Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	44	44.33	7.17	2.01	1.62	44.33
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	DM	40	38.7	8.11	2.07	2.1	38.7
Sala <i>et al.</i> , 2008	2004	Adriatic Sea	17	<i>Trisopterus minutus</i>	POD	SM	40	38.65	11.26	1.65	2.91	38.65
Sarda <i>et al.</i> , 2006	2003	NW Mediterranean	6	<i>Trisopterus minutus</i>	POD	SM	36	NA	17.53	4.27	4.87	36
Sbrana <i>et al.</i> , 1998	1992	North Tyrrhenian Sea	9	<i>Trisopterus minutus</i>	POD	DM	NA	34	7.3	1.64	2.15	34
Ates <i>et al.</i> , 2010	2007	North Levant	24	<i>Upeneus moluccensis</i>	UPM	SM	40	37.55	15	2.7	3.99	37.55
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Upeneus moluccensis</i>	UPM	SM	40	NA	17.42	1.94	4.36	40
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Upeneus moluccensis</i>	UPM	DM	44	NA	12.21	2.71	2.78	44
Demirci & Akyurt, 2017	2017	Eastern Mediterranean	24	<i>Upeneus moluccensis</i>	UPM	DM	50	NA	16.62	5.16	3.32	50
Cicek, 2015	2015	Eastern Mediterranean	24	<i>Upeneus</i> spp	UPM	DM	44	NA	10.2	4.02	2.32	44
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Upeneus</i> spp	UPM	DM	44	44.5	5.1	7.2	1.15	44.5
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Upeneus</i> spp	UPM	SM	40	41.36	15.2	3.1	3.68	41.36
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Upeneus</i> spp	UPM	DM	44	42.03	12	5.3	2.86	42.03
Ozbilgin <i>et al.</i> , 2015	2015	Eastern Mediterranean	24	<i>Upeneus</i> spp	UPM	DM	50	51.14	21	11.7	4.11	51.14

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